PB-217 373

BIOLOGICAL PRODUCTS, ESTABLISHMENTS LICENSED FOR THE PREPARATION AND SALE OF VIRUSES, SERUMS, TOXINS AND ANALOGOUS PRODUCTS, AND THE TRIVALENT ORGANIC ARSENIC COMPOUNDS

Public Health Service
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Biological Products

Establishments Licensed for the Preparation and Sale of Viruses, Serums, Toxins and Analogous Products, and the Trivalent Organic Arsenic Compounds

Revised April 15, 1961

U.S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE

Public Health Service

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DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE

Public Health Service

BIOLOGICAL PRODUCTS

Notice is hereby given that pursuant to section 351 of the Public Health Service Act, as amended (42 U.S.C. 262), and regulations issued thereunder (42 CFR Part 73), the following establishments are licensed as of April 15, 1961, for the production of the biological products set forth under each establishment. Such licenses are effective until suspended or revoked in accordance with such Act and regulations.

This notice will be amended from time to time in the FEDERAL REGISTER to indicate any suspensions or revocations of licenses as well as the licensing of additional establishments and products.

Part I. Establishments Arranged by License Number Showing the Products for Which Each Establishment Is Licensed

LICENSED ESTABLISHMENTS

License No. 1—Parke, Davis & Co., Detroit, Mich.

Antitoxins

B. oedematiens Antitoxin.
Diphtheria Antitoxin.
Dysentery Antitoxin, Shiga.
Perfringens Antitoxin.
Tetanus Antitoxin.
Tetanus and Gas Gangrene Polyvalent Antitoxin.
V. septique Antitoxin.

Blood and Blood Derivatives

Fibrinolysin and Desoxyribonuclease Combined (Bovine).
Histamine Azoprotein.
Immune Serum Globulin (Human).
Poliomyelitis Immune Globulin (Human).
Thrombin.

Bacterial Vaccines

Cholera Vaccine.
Pertussis Vaccine.
Pertussis Vaccine Aluminum Phosphate Adsorbed.
Typhoid and Paratyphoid Vaccine.
Nine polyvalent bacterial vaccines with "No U.S. Standard of Potency."

Bacterial Antigens

Six polyvalent bacterial antigens with "No U.S. Standard of Potency."

Modified Bacterial Antigens

Two polyvalent modified bacterial antigens with "No U.S. Standard of Potency."

Toxoids and Toxins for Immunization

Diphtheria Toxoid.
Diphtheria Toxoid Aluminum Phosphate Adsorbed.
Staphylococcus Toxoid.
Tetanus Toxoid.
Tetanus Toxoid Aluminum Phosphate Adsorbed.

Multiple Antigen Preparations

Adenovirus and Influenza Virus Vaccines Combined Aluminum Phosphate Adsorbed.
Diphtheria and Tetanus Toxoids and Pertussis and Poliomyelitis Vaccines Aluminum Phosphate Adsorbed.
Diphtheria and Tetanus Toxoids and Pertussis Vaccine Combined.
Diphtheria and Tetanus Toxoids and Pertussis Vaccine Combined Aluminum Phosphate Adsorbed.
Diphtheria and Tetanus Toxoids Combined.
Diphtheria and Tetanus Toxoids Combined Aluminum Phosphate Adsorbed.
Diphtheria Toxoid and Pertussis Vaccine Combined Aluminum Phosphate Adsorbed.
Staphylococcus Toxoid and Bacterial Antigen made from Staphylococcus (Albus and Aureus).

Viral and Rickettsial Vaccines

Adenovirus Vaccine.
Influenza Virus Vaccine.
Poliomyelitis Vaccine.
Poliomyelitis Vaccine Aluminum Phosphate Adsorbed.
Rabies Vaccine.
Smallpox Vaccine.

Diagnostic Substances for Dermal Tests

Blastomycin.
Diphtheria Toxin for Schick Test.
Histoplasmin.
Tuberculin, Old.
Tuberculin, Purified Protein Derivative.

Diagnostic Substances for Laboratory Tests

Anti-Influenza Virus Serum for the Hemagglutination Inhibition Test.
Influenza Virus Hemagglutinating Antigen.

Allergenic Extracts

Allergenic Extracts (including pollens and miscellaneous substances).
Poison Ivy Extract.

Trivalent Organic Arsenicals

Oxophenarsine Hydrochloride.

License No. 2—Merck Sharp & Dohme, Division of Merck & Co., Inc., West Point, Pa.

Antitoxins

Tetanus Antitoxin.

Blood and Blood Derivatives

Fibrinogen (Human).
Fibrinolysin and Desoxyribonuclease Combined (Bovine).
Fibrinolysin (Human).
Human Blood Cells.
Immune Serum Globulin (Human).
Normal Bovine Serum.
Normal Horse Serum.
Normal Human Plasma.
Normal Serum Albumin (Human).
Poliomyelitis Immune Globulin (Human).

Bacterial Vaccines

Cholera Vaccine.
Typhoid Vaccine.
Typhoid and Paratyphoid Vaccine.
Three polyvalent bacterial vaccines with "No U.S. Standard of Potency".

Sensitized Bacterial Vaccines

Cholera Vaccine.
Typhoid and Paratyphoid Vaccine.
Six polyvalent sensitized bacterial vaccines with "No U.S. Standard of Potency".

Bacterial Antigens

Bacterial Antigen with Antihistaminic.
Three polyvalent bacterial antigens with "No U. S. Standard of Potency".

Toxoids and Toxins for Immunization

Staphylococcus Toxoid.
Tetanus Toxoid.

Multiple Antigen Preparations

Diptheria and Tetanus Toxoids and Pertussis Vaccine Alum Precipitated and Poliomyelitis Vaccine.
Diphtheria and Tetanus Toxoids and Pertussis Vaccine Combined Alum Precipitated.
Tetanus and Diphtheria Toxoids Combined Alum Precipitated (For Adult Use).

Viral and Rickettsial Vaccines

Influenza Virus Vaccine.
Poliomyelitis Vaccine.
Rocky Mountain Spotted Fever Vaccine.
Typhus Vaccine.

Diagnostic Substances for Dermal Tests

Tuberculin, Purified Protein Derivative.

Allergenic Extracts

Poison Ivy Extract.

Miscellaneous

Antivenin (*Latrodectus mactans*).
Blood Group Specific Substances A and B.

License No. 8—Cutter Laboratories, Berkeley, Calif.

Antitoxins

B. oedematiens Antitoxin.
Diphtheria Antitoxin.
Gas Gangrene Polyvalent Antitoxin.
Perfringens Antitoxin.
Tetanus Antitoxin.
Tetanus and Gas Gangrene Polyvalent Antitoxin.
V. septique Antitoxin.

Blood and Blood Derivatives

Antihemophilic Globulin (Human).
Fibrinogen (Human).
Immune Serum Globulin (Human).
Mumps Immune Globulin (Human).
Normal Human Plasma.
Normal Serum Albumin (Human).
Pertussis Immune Globulin (Human).
Plasma Protein Fraction (Human).
Poliomyelitis Immune Globulin (Human).
Tetanus Immune Globulin (Human).
Thrombin.

Bacterial Vaccines

Cholera Vaccine.
Pertussis Vaccine.
Pertussis Vaccine Aluminum Hydroxide Adsorbed.
Plague Vaccine.
Typhoid Vaccine.
Typhoid and Paratyphoid Vaccine.
Three polyvalent bacterial vaccines with "No U. S. Standard of Potency."

Toxoids and Toxins for Immunization

Diphtheria Toxoid.
Diphtheria Toxoid Aluminum Hydroxide Adsorbed.
Tetanus Toxoid.
Tetanus Toxoid Aluminum Hydroxide Adsorbed.

Multiple Antigen Preparations

Diphtheria and Tetanus Toxoids and Pertussis Vaccine Combined.

Diphtheria and Tetanus Toxoids and Pertussis Vaccine Combined Alum Precipitated.
Diphtheria and Tetanus Toxoids Aluminum Hydroxide Adsorbed and Pertussis Vaccine Combined.
Diphtheria and Tetanus Toxoids Combined.
Diphtheria and Tetanus Toxoids Combined Aluminum Hydroxide Adsorbed.
Diphtheria Toxoid Aluminum Hydroxide Adsorbed and Pertussis Vaccine Combined.
Diphtheria Toxoid and Pertussis Vaccine Combined.
Tetanus Toxoid and Pertussis Vaccine Combined.
Tetanus and Diphtheria Toxoids Combined Aluminum Hydroxide Adsorbed (For Adult Use).

Viral and Rickettsial Vaccines

Equine Encephalomyelitis Vaccine (Eastern).
Equine Encephalomyelitis Vaccine (Western).
Poliomyelitis Vaccine.
Smallpox Vaccine.

Diagnostic Substances for Dermal Tests

Coccidioidin.
Diphtheria Toxin for Schick Test.
Schick Test Control.
Tuberculin, Old.

Diagnostic Substances for Laboratory Tests

Anti-A Blood Grouping Serum.
Anti-B Blood Grouping Serum.

Allergenic Extracts

Allergenic Extracts (including pollens and miscellaneous substances).
Poison Ivy Extract.
Poison Oak Extract.

License No. 11—Institut Pasteur, Paris, France

Antitoxins

Diphtheria Antitoxin.
Tetanus Antitoxin.

Bacterial Vaccines

Cholera Vaccine.
Typhoid Vaccine.

Toxoids and Toxins for Immunization

Staphylococcus Toxoid.

License No. 14—New York City Department of Health, Bureau of Laboratories, New York, N.Y.

Antitoxins

Diphtheria Antitoxin.
Tetanus Antitoxin.

Blood and Blood Derivatives

Normal Horse Serum.

Bacterial Vaccines

Typhoid Vaccine.
Typhoid and Paratyphoid Vaccine.

Toxoids and Toxins for Immunization

Diphtheria Toxoid Aluminum Phosphate Adsorbed.
Tetanus Toxoid.

Viral and Rickettsial Vaccines

Smallpox Vaccine.

Diagnostic Substances for Dermal Tests

Tuberculin, Old.

Diagnostic Substances for Laboratory Tests

Anti-A Blood Grouping Serum.
Anti-B Blood Grouping Serum.
Anti-Rh Typing Serums:
Anti-Rh_0 (Anti-D).
Anti-Rh_0' (Anti-CD).
Anti-Human Serum.

License No. 17—Lederle Laboratories Division, American Cyanamid Co., Pearl River, N.Y.

Antitoxins

B. histolyticus Antitoxin.
B. oedematiens Antitoxin.
B. sordellii Antitoxin.
Botulism Antitoxin.
Diphtheria Antitoxin.
Gas Gangrene Polyvalent Antitoxin.

Perfringens Antitoxin
Tetanus Antitoxin.
Tetanus and Gas Gangrene Polyvalent Antitoxin.
V. septique Antitoxin.

Therapeutic Immune Serums

Antirabies Serum.

Blood and Blood Derivatives

Immune Serum Globulin (Human).
Poliomyelitis Immune Globulin (Human).

Bacterial Vaccines

Cholera Vaccine.
Pertussis Vaccine.
Typhoid and Paratyphoid Vaccine.
Four polyvalent bacterial vaccines with "No U.S. Standard of Potency."

Toxoids and Toxins for Immunization

Staphylococcus Toxoid.
Tetanus Toxoid.
Tetanus Toxoid Aluminum Phosphate Adsorbed.

Multiple Antigen Preparations

Diphtheria and Tetanus Toxoids and Pertussis Vaccine Combined Aluminum Phosphate Adsorbed.
Diphtheria and Tetanus Toxoids Combined Aluminum Phosphate Adsorbed.

Viral and Rickettsial Vaccines

Influenza Virus Vaccine.
Mumps Vaccine.
Q Fever Vaccine.
Rabies Vaccine.
Rocky Mountain Spotted Fever Vaccine.
Smallpox Vaccine.
Typhus Vaccine (Epidemic)

Diagnostic Substances for Dermal Tests

Lymphogranuloma Venereum Antigen.
Tuberculin, Patch Test.

Diagnostic Substances for Laboratory Tests

Anti-A Blood Grouping Serum.
Anti-B Blood Grouping Serum.

Anti-Rh Typing Serums:
Anti-Rh_o (Anti-D).
Anti-Rh_o' (Anti-CD).
Anti-Human Serum.

Allergenic Extracts

Allergenic Extracts (including pollens and miscellaneous substances).
Trichinella Extract.

Miscellaneous

Streptokinase—Streptodornase.

License No. 30—Sherman Laboratories, Detroit, Mich.

Bacterial Vaccines

Pertussis Vaccine.
Eighteen polyvalent bacterial vaccines with "No U.S. Standard of Potency".

Bacterial Antigens

One polyvalent bacterial antigen with "No U.S. Standard of Potency".

Allergenic Extracts

Allergenic Extracts (including pollens).
Poison Ivy Extract.
Poison Oak Extract.
Poison Ivy-Poison Oak Extracts Combined.

License No. 43—Abbott Laboratories, North Chicago, Ill.

Blood and Blood Derivatives

Radio-Iodinated (I^{131}) Serum Albumin (Human).

Allergenic Extracts

Allergenic Extracts (including pollens and miscellaneous substances).

License No. 51—The Upjohn Company, Kalamazoo, Mich.

Blood and Blood Derivatives

Thrombin.

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License No. 52—E. R. Squibb & Sons, Division of Olin Mathieson Chemical Corp., Biological Laboratories, New Brunswick, N.J.

Blood and Blood Derivatives

Fibrinogen (Human).
Immune Serum Globulin (Human).
Normal Serum Albumin (Human).
Poliomyelitis Immune Globulin (Human).
Radio-Iodinated (I^{131}) Serum Albumin (Human).

Multiple Antigen Preparations

Staphylococcus Toxoid and Bacterial Antigen made from Staphylococcus (Albus and Aureus).

Diagnostic Substances for Dermal Tests

Lymphogranuloma Venereum Antigen.

License No. 56—Eli Lilly and Company, Indianapolis, Ind.

Antitoxins

Diphtheria Antitoxin.
Perfringens Antitoxin.
Tetanus Antitoxin.
Tetanus and Gas Gangrene Polyvalent Antitoxin.
V. septique Antitoxin.

Bacterial Vaccines

Cholera Vaccine.
Pertussis Vaccine.
Typhoid Vaccine.
Typhoid and Paratyphoid Vaccine.
Seven polyvalent bacterial vaccines with "No U.S. Standard of Potency".

Bacterial Antigens

Thirteen polyvalent bacterial antigens with "No U.S. Standard of Potency".

Toxoids and Toxins for Immunization

Tetanus Toxoid.

Multiple Antigen Preparations

Diphtheria and Tetanus Toxoids and Pertussis Vaccine Combined.

Diphtheria and Tetanus Toxoids and Pertussis Vaccine Combined Alum Precipitated.
Diphtheria and Tetanus Toxoids Combined.
Diphtheria and Tetanus Toxoids Combined Alum Precipitated.
Tetanus and Diphtheria Toxoids Combined Alum Precipitated (For Adult Use).

Viral and Rickettsial Vaccines

Influenza Virus Vaccine.
Mumps Vaccine.
Poliomyelitis Vaccine.
Rabies Vaccine.
Smallpox Vaccine.
Typhus Vaccine.

Diagnostic Substances for Dermal Tests

Diphtheria Toxin for Schick Test.
Histoplasmin.
Mumps Skin Test Antigen.
Tuberculin, Old.

Allergenic Extracts

Allergenic Extracts.

License No. 64—Massachusetts Public Health Biologic Laboratories, Boston, Mass.

Antitoxins

Diphtheria Antitoxin.
Tetanus Antitoxin.

Blood and Blood Derivatives

Immune Serum Globulin (Human).
Normal Serum Albumin (Human).
Poliomyelitis Immune Globulin (Human).

Bacterial Vaccines

Pertussis Vaccine.
Typhoid Vaccine.
Typhoid and Paratyphoid Vaccine.

Toxoids and Toxins for Immunization

Diphtheria Toxoid.
Tetanus Toxoid.

Multiple Antigen Preparations

Diphtheria and Tetanus Toxoids and Pertussis Vaccine Combined Aluminum Phosphate Precipitated.
Diphtheria and Tetanus Toxoids Combined Aluminum Phosphate Precipitated.

Viral and Rickettsial Vaccines

Smallpox Vaccine.

Diagnostic Substances for Dermal Tests

Diphtheria Toxin for Schick Test.
Schick Test Control.
Tuberculin, Old.

License No. 73—Connaught Medical Research Laboratories, University of Toronto, Toronto, Canada

Antitoxins

Diphtheria Antitoxin.
Staphylococcus Antitoxin.
Tetanus Antitoxin.

Blood and Blood Derivatives

Normal Serum Albumin.

Toxoids and Toxins for Immunization

Diphtheria Toxoid.
Staphylococcus Toxoid.
Tetanus Toxoid.

Diagnostic Substances for Dermal Tests

Tuberculin, Purified Protein Derivative.

License No. 84—Terrell's Laboratories, Fort Worth, Tex.

Blood and Blood Derivatives

Citrated Whole Blood (Human).

Allergenic Extracts

Allergenic Extracts (including pollens and miscellaneous substances).

License No. 91—Hollister-Stier Laboratories, Spokane, Wash.; Chicago, Ill.; Philadelphia, Pa.; Los Angeles, Calif.; and Atlanta, Ga.

Bacterial Vaccines

Two polyvalent bacterial vaccines with "No U.S. Standard of Potency".

Allergenic Extracts

Allergenic Extracts (including pollens and miscellaneous substances).
Poison Ivy Extract.
Poison Oak Extract.

License No. 97—Behringwerke AG., Marburg-Lahn, Germany

Miscellaneous

Streptokinase-Streptodornase.

License No. 99—Division of Laboratories, Michigan Department of Health, Lansing, Mich.

Antitoxins

Diphtheria Antitoxin.
Tetanus Antitoxin.

Therapeutic Immune Serums

Anti-Hemophilus Influenzae Type b Serum.

Blood and Blood Derivatives

Antihemophilic Globulin (Human).
Citrated Whole Blood (Human).
Fibrinogen (Human).
Immune Serum Globulin (Human).
Normal Horse Serum.
Normal Rabbit Serum.
Normal Serum Albumin (Human).

Bacterial Vaccines

Pertussis Vaccine.
Typhoid Vaccine.
Typhoid and Paratyphoid Vaccine.

Toxoids and Toxins for Immunization

Diphtheria Toxoid Aluminum Phosphate Adsorbed.
Tetanus Toxoid Aluminum Phosphate Adsorbed.

Multiple Antigen Preparations

Diphtheria and Tetanus Toxoids Combined Aluminum Phosphate Adsorbed.
Diphtheria and Tetanus Toxoids and Pertussis Vaccine Combined Aluminum Phosphate Adsorbed.

Viral and Rickettsial Vaccines

Rabies Vaccine.
Smallpox Vaccine.

Diagnostic Substances for Dermal Tests

Diphtheria Toxin for Schick Test.
Histoplasmin.
Schick Test Control.

Diagnostic Substances for Laboratory Tests

Pneumococcus Typing Serum.

License No. 101—The National Drug Company, Division of Richardson-Merrell, Inc., Philadelphia, Pa.

Antitoxins

Diphtheria Antitoxin.
Gas Gangrene Polyvalent Antitoxin.
Tetanus Antitoxin.
Tetanus and Gas Gangrene Polyvalent Antitoxin.

Bacterial Vaccines

Cholera Vaccine.
Pertussis Vaccine.
Typhoid Vaccine.
Typhoid and Paratyphoid Vaccine.
Fourteen polyvalent vaccines with "No U.S. Standard of Potency".

Toxoids and Toxins for Immunization

Diphtheria Toxoid.
Scarlet Fever Streptococcus Toxin for Immunization.
Staphylococcus Toxoid.
Streptococcus Erythrogenic Toxin.
Tetanus Toxoid.

Multiple Antigen Preparations

Diphtheria and Tetanus Toxoids and Pertussis Vaccine Combined.
Diphtheria and Tetanus Toxoids Alum Precipitated and Pertussis Vaccine Combined.
Diphtheria and Tetanus Toxoids Combined Alum Precipitated.
Diphtheria Toxoid Alum Precipitated and Pertussis Vaccine Combined.

Staphylococcus Toxoid—Bacterial Vaccine made from Staphylococcus (Aureus).
Staphylococcus Toxoid—Streptococcus Toxin—Bacterial Vaccine made from Staphylococcus (Aureus), Streptococcus (Hemolyticus), Pneumococcus Hemophilus Influenzae.
Tetanus and Diphtheria Toxoids Combined Alum Precipitated (For Adult Use).

Viral and Rickettsial Vaccines

Influenza Virus Vaccine.
Rabies Vaccine.
Smallpox Vaccine.
Typhus Vaccine (Epidemic).
Yellow Fever Vaccine.

Diagnostic Substances for Dermal Tests

Diphtheria Toxin for Schick Test.
Scarlet Fever Streptococcus Toxin for Dick Test.
Schick Test Control.

Allergenic Extracts

Allergenic Extracts (including pollens and miscellaneous substances).

License No. 102—Mulford Colloid Laboratories, Philadelphia, Pa.

Allergenic Extracts

Poison Ivy Extract
Poison Oak Extract.
Tincture Poison Ivy.

License No. 103—Allergy Laboratories, Oklahoma City, Okla.

Allergenic Extracts

Allergenic Extracts (including pollens and miscellaneous substances).

License No. 105—C. F. Kirk Co., New York, N.Y.

Bacterial Vaccines

Typhoid Vaccine.
Five polyvalent bacterial vaccines with "No U.S. Standard of Potency".

Allergenic Extracts

Allergenic Extracts.
Poison Ivy Extract Alum Precipitated.

License No. 107—Porrò Biological Laboratories, Tacoma, Wash.

Allergenic Extracts

Allergenic Extracts (including pollens and miscellaneous substances).

License No. 108—Laboratoire du Bacteriophage, Paris, France

Bacterial Antigens

Fifteen bacterial antigens with "No U.S. Standard of Potency".

License No. 110—Pitman-Moore Company, Division of The Dow Chemical Company, Indianapolis, Ind.

Antitoxins

Perfringens Antitoxin.
Tetanus Antitoxin.
Tetanus and Gas Gangrene Polyvalent Antitoxin.
V. septique Antitoxin.

Blood and Blood Derivatives

Immune Serum Globulin (Human).
Poliomyelitis Immune Globulin (Human).

Bacterial Vaccines

Pertussis Vaccine.
Typhoid Vaccine.
Typhoid and Paratyphoid Vaccine.
Thirteen polyvalent bacterial vaccines with "No U.S. Standard of Potency".

Toxoids and Toxins for Immunization

Diphtheria Toxoid.
Staphylococcus Toxoid.
Tetanus Toxoid.

Multiple Antigen Preparations

Adenovirus and Influenza Virus Vaccines Combined Aluminum Hydroxide Adsorbed.

Diphtheria and Tetanus Toxoids Alum Precipitated and Pertussis Vaccine Combined.
Diphtheria and Tetanus Toxoids and Pertussis and Poliomyelitis.
Vaccines Aluminum Phosphate Adsorbed.
Diphtheria and Tetanus Toxoids and Polyiomyelitis Vaccine.
Diphtheria and Tetanus Toxoids Combined Alum Precipitated.
Diphtheria Toxoid Alum Precipitated and Pertussis Vaccine Combined.

Viral and Rickettsial Vaccines

Adenovirus Vaccine.
Influenza Virus Vaccine.
Poliomyelitis Vaccine.
Rabies Vaccine.
Typhus Vaccine.

Diagnostic Substances for Dermal Tests

Tuberculin, Old.

Allergenic Extracts

Poison Ivy-Poison Oak Extract.

License No. 111—The Wm. S. Merrell Company, Division of Richardson-Merrell, Inc., Cincinnati, U.S.A., Cincinnati, Ohio

Bacterial Vaccines

One polyvalent bacterial vaccine with "No U.S. Standard of Potency".

License No. 113—Michael Reese Research Foundation, Chicago, Ill.

Therapeutic Immune Serums

Measles Immune Serum (Human).
Mumps Immune Serum (Human).
Poliomyelitis Immune Serum (Human).
Scarlet Fever Immune Serum (Human).

Blood and Blood Derivatives

Antihemophilic Plasma (Human).
Citrated Whole Blood (Human).
Normal Human Plasma.
Normal Human Serum.
Packed Red Blood Cells (Human).
Resuspended Red Blood Cells (Human).

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Diagnostic Substances for Laboratory Tests

Anti-A Blood Grouping Serum.
Anti-B Blood Grouping Serum.
Anti-A,B Blood Grouping Serum.
Absorbed Anti-A Serum
Anti-Rh Typing Serums:
  Anti Rh_o (Anti-D).
  Anti-Rh_o' (Anti-CD).
  Anti-Rh_o'' (Anti-DE).
  Anti-Rh_o rh' rh'' (Anti-CDE).
  Anti-rh' (Anti-C).
  Anti-rh'' (Anti-E).
  Anti-hr' (Anti-c).
Anti-K Serum (Anti-Kell).
Anti-M Serum.
Anti-N Serum.
Anti-Human Serum.

Miscellaneous

Blood Group Specific Substance A.
Blood Group Specific Substance B.
Blood Group Specific Substances A and B.

License No. 119—Barry Laboratories, Inc., Detroit, Mich.

Bacterial Vaccines

Nine polyvalent bacterial vaccines with "No U.S. Standard of Potency".

Allergenic Extracts

Allergenic Extracts (including pollens).
Poison Ivy Extract.
Poison Ivy-Oak-Sumac Extracts Combined.
Poison Sumac Extract.

License No. 120—Bureau of Biologic Products, Illinois Department of Public Health, Division of Laboratories, Chicago, Ill.

Bacterial Vaccines

Pertussis Vaccine.
Typhoid Vaccine.
Typhoid and Paratyphoid Vaccine.

Toxoids and Toxins for Immunization

Diphtheria Toxoid.

Multiple Antigen Preparations

Diphtheria Toxoid Alum Precipitated and Pertussis Vaccine Combined.

Viral and Rickettsial Vaccines

Rabies Vaccine.

Diagnostic Substances for Der nal Tests

Diphtheria Toxin for Schick Test.

License No. 121—Texas State Department of Health, Austin, Tex.

Bacterial Vaccines

Pertussis Vaccine.
Typhoid Vaccine.

Toxoids and Toxins for Immunization

Diphtheria Toxoid.
Diphtheria Toxoid Aluminum Hydroxide Precipitated.
Tetanus Toxoid.
Tetanus Toxoid Aluminum Hydroxide Precipitated.

Multiple Antigen Preparations

Diphtheria and Tetanus Toxoids and Pertussis Vaccine Combined Aluminum Hydroxide Precipitated.
Diphtheria and Tetanus Toxoids Combined Aluminum Hydroxide Precipitated.
Diphtheria Toxoid and Pertussis Vaccine Combined Alum Precipitated.
Tetanus and Diphtheria Toxoids Combined Aluminum Hydroxide Precipitated (For Adult Use).

Viral and Rickettsial Vaccines

Rabies Vaccine.

Diagnostic Substances for Dermal Tests

Diphtheria Toxin for Schick Test.
Schick Test Control.
Tuberculin, Old.

License No. 125—Hynson, Westcott & Dunning, Baltimore, Md.

Miscellaneous

Cobra Venom Solution.
Cobra Venom with Silicic and Formic Acids.

License No. 129—Wellcome Research Laboratories, Beckenham, Kent, England

Miscellaneous

Streptokinase-Streptodornase.
Russell Viper Venom.

License No. 135—Myers Laboratories, Inc., Warren, Pa.

Bacterial Antigens

One polyvalent bacterial antigen with "No U.S. Standard of Potency."

License No. 139—Philadelphia Serum Exchange, Philadelphia, Pa.

Therapeutic Immune Serums

Pertussis Immune Serum (Human).

Blood and Blood Derivatives

Citrated Whole Blood (Human).
Normal Human Serum.
Poliomyelitis Immune Globulin (Human).
Single Donor Plasma (Human).

Diagnostic Substances for Laboratory Tests

Anti-A Blood Grouping Serum.
Anti-B Blood Grouping Serum.
Anti-A,B Blood Grouping Serum.
Absorbed Anti-A Serum.
Anti-Rh Typing Serums:
- Anti-Rh_o (Anti-D).
- Anti-Rh_o' (Anti-CD).
- Anti-Rh_o'' (Anti-DE).
- Anti-Rh_o rh' rh'' (Anti-CDE).
- Anti-rh' (Anti-C)
- Anti-rh'' (Anti-E).
- Anti-hr' (Anti-c).
- Anti-hr'' (Anti-e).

Anti-K Serum (Anti-Kell).
Anti-M Serum.
Anti-N Serum.
Anti-Human Serum.

License No. 140—Hyland Laboratories, Los Angeles, Calif.

Therapeutic Immune Serums

Antimumps Serum.
Antipertussis Serum.

Blood and Blood Derivatives

Antihemophilic Plasma (Human).
Citrated Whole Blood (Human).
Immune Serum Globulin (Human).
Mumps Immune Globulin (Human).
Normal Human Plasma.
Normal Serum Albumin (Human).
Packed Red Blood Cells (Human).
Pertussis Immune Globulin (Human).
Plasma Protein Fraction (Human).
Poliomyelitis Immune Globulin (Human).
Resuspended Red Blood Cells (Human).

Diagnostic Substances for Laboratory Tests

Anti-A Blood Grouping Serum.
Anti-B Blood Grouping Serum.
Anti-A,B Blood Grouping Serum.
Absorbed Anti-A Serum.
Group AB Serum (Human).
Anti-Rh Typing Serums:
  Anti-Rh_o (Anti-D).
  Anti-Rh_o' (Anti-CD).
  Anti-Rh_o'' (Anti-DE).
  Anti-Rh_o rh' rh'' (Anti-CDE).
  Anti-rh' (Anti-C).
  Anti-rh'' (Anti-E).
  Anti-hr' (Anti-c).
  Anti-hr'' (Anti-e).
  Anti-rh^w (Anti-C^w).
Anti-K Serum (Anti-Kell).
Anti-Le^a Serum (Anti-Lewis).
Anti-M Serum.
Anti-N Serum.
Anti-Human Serum.
Anti-Human Precipitin Serum.
Haemophilus influenzae Typing Serum.

License No. 144—Wyeth Laboratories, Inc., Marietta, Pa.

Antitoxins

Diphtheria Antitoxin.
Gas Gangrene Polyvalent Antitoxin.
Tetanus Antitoxin.
Tetanus and Gas Gangrene Polyvalent Antitoxin.

Therapeutic Immune Serums

Antipertussis Serum.

Blood and Blood Derivatives

Normal Horse Serum.

Bacterial Vaccines

Cholera Vaccine.
Pertussis Vaccine.
Typhoid Vaccine.
Typhoid and Paratyphoid Vaccine.

Toxoids and Toxins for Immunization

Diphtheria Toxoid.
Diphtheria Toxoid Aluminum Phosphate Adsorbed.
Tetanus Toxoid.
Tetanus Toxoid Aluminum Phosphate Adsorbed.

Multiple Antigen Preparations

Diphtheria and Tetanus Toxoids Alum Precipitated and Pertussis Vaccine Combined.
Diphtheria and Tetanus Toxoids Combined Alum Precipitated.
Diphtheria and Tetanus Toxoids Combined Aluminum Phosphate Adsorbed.
Diphtheria Toxoid Alum Precipitated and Pertussis Vaccine Combined.
Diphtheria Toxoid Aluminum Phosphate Adsorbed and Pertuss... Vaccine Combined.
Diphtheria and Tetanus Toxoids and Pertussis Vaccine Combined Aluminum Phosphate Adsorbed.
Tetanus and Diphtheria Toxoids Combined Aluminum Phosphate Adsorbed (For Adult Use).
Tetanus and Diphtheria Toxoids Combined Alum Precipitated (For Adult Use).

Viral and Rickettsial Vaccines

Adenovirus Vaccine.
Poliomyelitis Vaccine.
Smallpox Vaccine.

Diagnostic Substances for Dermal Tests

Diphtheria Toxin for Schick Test.
Scarlet Fever Streptococcus Toxin for Dick Test.
Schick Test Control.
Tuberculin, Old.

Allergenic Extracts

Allergenic Extracts (including pollens and miscellaneous substances).
Poison Ivy Extract.
Poison Oak Extract.
Poison Ivy-Oak-Sumac Extracts Combined.

Miscellaneous

Antivenin (Crotalidae) Polyvalent.

License No. 147—Endo Laboratories, Inc., Richmond Hill, N.Y.

Allergenic Extracts

Allergenic Extracts (including miscellaneous substances).

License No. 149—Armour Pharmaceutical Company, Division of Armour and Company of Chicago, Illinois, Kankakee, Ill.

Blood and Blood Derivatives

Immune Serum Globulin (Human).
Normal Human Plasma.
Normal Serum Albumin (Human).
Poliomyelitis Immune Globulin (Human).

License No. 152—Gotham Pharmaceutical Co., Brooklyn, N.Y.

Allergenic Extracts

Allergenic Extracts (including pollens and miscellaneous substances).

License No. 154—John Elliott Blood Bank of Dade County, Inc., Miami, Fla.

Blood and Blood Derivatives

Citrated Whole Blood (Human).

License No. 155—Wiener Serum Laboratory, Brooklyn, N.Y.

Diagnostic Substances for Laboratory Tests

Anti-A Blood Grouping Serum.
Anti-B Blood Grouping Serum.
Absorbed Anti-A Serum.
Anti-Rh Typing Serums:
Anti-Rh_0 (Anti-D).
Anti-Rh_0' (Anti-CD).

Anti-Rh Typing Serums—Continued
Anti-Rh$_o$'' (Anti-DE).
Anti-rh' (Anti-C).
Anti-rh'' (Anti-E).
Anti-hr' (Anti-c).
Anti-hr'' (Anti-e).
Anti-Fy^a Serum (Anti-Duffy).
Anti-k Serum (Anti-Cellano).
Anti-K Serum (Anti-Kell).
Anti-rh^w and Anti-K Serum (Anti-(C^w+ Kell)).
Anti-M Serum.
Anti-N Serum.
Anti-Human Serum.
Anti-Human Precipitin Serum.

License No. 156—Ortho Pharmaceutical Corporation, Raritan, N.J.

Blood and Blood Derivatives

Fibrinogen (Human).
Fibrinolysin (Human).
Immune Serum Globulin (Human).
Normal Serum Albumin (Human).
Profibrinolysin (Human).
Thrombin.

Diagnostic Substances for Laboratory Tests

Anti-A Blood Grouping Serum.
Anti-B Blood Grouping Serum.
Anti-A, B Blood Grouping Serum.
Absorbed Anti-A Serum.
Anti-Rh Typing Serums:
Anti-Rh$_o$ (Anti-D).
Anti-Rh$_o$' (Anti-CD).
Anti-Rh$_o$'' (Anti-DE).
Anti-Rh$_o$ rh' rh'' (Anti-CDE).
Anti-rh' (Anti-C).
Anti-rh'' (Anti-E).
Anti-hr' (Anti-c).
Anti-hr'' (Anti-e).
Anti-rh^w (Anti-C^w).
Anti-Fy^a Serum (Anti-Duffy).
Anti-k Serum (Anti-Cellano).
Anti-K Serum (Anti-Kell).
Anti-M Serum.
Anti-N Serum.
Anti-S Serum.
Anti-Human Serum.

License No. 157—Certified Blood Donor Service, Inc., Jamaica, N.Y.

Diagnostic Substances for Laboratory Tests

Anti-A Blood Grouping Serum.
Anti-B Blood Grouping Serum.
Anti-A, B Blood Grouping Serum.
Absorbed Anti-A Serum.
Anti-Rh Typing Serums:
- Anti-Rh_o (Anti-D).
- Anti-Rh_o' (Anti-CD).
- Anti-Rh_o'' (Anti-DE).
- Anti-Rh_o rh' rh'' (Anti-CDE).
- Anti-rh' (Anti-C).
- Anti-rh'' (Anti-E).
- Anti-hr' (Anti-c).
- Anti-hr'' (Anti-e).
- Anti-rh^w (Anti-C^w).

Anti-Fy^a Serum (Anti-Duffy).
Anti-k Serum (Anti-Cellano).
Anti-K Serum (Anti-Kell).
Anti-M Serum.
Anti-N Serum.
Anti-P Serum.
Anti-S Serum.
Anti-Human Serum.
Anti-Human Precipitin Serum.

License No. 158—Washington Blood Laboratory, Washington, D.C.

Diagnostic Substances for Laboratory Tests

Anti-A Blood Grouping Serum.
Anti-B Blood Grouping Serum.
Anti-A,B Blood Grouping Serum.
Absorbed Anti-A Blood Grouping Serum.
Anti-Rh Typing Serums:
- Anti-Rh_o (Anti-D).
- Anti-Rh_o' (Anti-CD).
- Anti-Rh_o'' (Anti-DE).
- Anti-Rh_o rh' rh'' (Anti-CDE)
- Anti-rh' (Anti-C).
- Anti-rh'' (Anti-E).
- Anti-hr' (Anti-c).

Anti-Human Serum.

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License No. 159—Blood Grouping Laboratory of Boston, Inc., Boston, Mass.

Diagnostic Substances for Laboratory Tests

Anti-A Blood Grouping Serum.
Anti-B Blood Grouping Serum.
Absorbed Anti-A Serum.
Anti-Rh Typing Serums:
- Anti-Rh_o (Anti-D).
- Anti-Rh_o' (Anti-CD).
- Anti-rh' (Anti-C).
- Anti-rh'' (Anti-E).
- Anti-hr' (Anti-c).
- Anti-hr'' (Anti-e).
- Anti-rh^w (Anti-C^w).
- Anti-Rh_o+Rh_o (Anti-D+D^u).

Anti-Fy^a Serum (Anti-Duffy).
Anti-K Serum (Anti-Kell).
Anti-Kp^a Serum (Anti-Penney).
Anti-Kp^b and Anti-K Serum (Anti-Rautenberg and Anti-Kell).
Anti-Le^a Serum (Anti-Lewis).
Anti-Le^b Serum.
Anti-M Serum.
Anti-M^s Serum.
Anti-P Serum.
Anti-Wr^a Serum (Anti-Wright).
Anti-Human Serum.

License No. 161—Blood Transfusion Association, New York, N.Y.

Blood and Blood Derivatives

Citrated Whole Blood (Human).
Packed Red Blood Cells (Human).
Single Donor Plasma (Human).

Diagnostic Substances for Laboratory Tests

Anti-A Blood Grouping Serum.
Anti-B Blood Grouping Serum.
Anti-Rh Typing Serums:
- Anti-Rh_o (Anti-D).
- Anti-Rh_o' (Anti-CD).
- Anti-$Rh_orh'rh''$ (Anti-CDE).
- Anti-rh' (Anti-C).
- Anti-rh'' (Anti-E).

Anti-Human Serum.

License No. 162—Blood and Plasma Bank—New York University-Bellevue Medical Center, New York, N.Y.

Blood and Blood Derivatives

Citrated Whole Blood (Human).
Normal Human Plasma.

License No. 163—High Titer Serum Laboratory, New York, N.Y.

Blood and Blood Derivatives

Citrated Whole Blood (Human).

Diagnostic Substances for Laboratory Tests

Anti-A Blood Grouping Serum.
Anti-B Blood Grouping Serum.
Absorbed Anti-A Serum
Anti-Rh Typing Serums:
- Anti-Rh_o (Anti-D).
- Anti-Rh_o' (Anti-CD).
- Anti-Rh_o'' (Anti-DE).
- Anti-rh' (Anti-C).
- Anti-rh'' (Anti-E).

License No. 164—Knickerbocker Blood Bank, Inc., New York, N.Y.

Blood and Blood Derivatives

Citrated Whole Blood (Human).

Diagnostic Substances for Laboratory Tests

Anti-A Blood Grouping Serum.
Anti-B Blood Grouping Serum.
Anti-A,B Blood Grouping Serum.
Absorbed Anti-A Serum.
Anti-Rh Typing Serums:
- Anti-Rh_o (Anti-D).
- Anti-Rh_o' (Anti-CD).
- Anti-Rh_o'' (Anti-DE).
- Anti-Rh_o rh' rh'' (Anti-CDE).
- Anti-rh' (Anti-C).
- Anti-rh'' (Anti-E).
- Anti-hr' (Anti-c).
- Anti-hr'' (Anti-e).
- Anti-hr^v (Anti-V).
- Anti-rh^v (Anti-C^v).

Anti-Di^a Serum (Anti-Diego).
Anti-Fy^a Serum (Anti-Duffy).

Anti-Jk^a Serum (Anti-Kidd).
Anti-Jk^b Serum.
Anti-K Serum (Anti-Kell).
Anti-Kp^b Serum (Anti-Rautenberg).
Anti-k Serum (Anti-Cellano).
Anti-Le^a Serum (Anti-Lewis).
Anti-M Serum.
Anti-P Serum.
Anti-S Serum.
Anti-s Serum.
Anti-Human Serum.

Miscellaneous

Blood Group Specific Substance A.
Blood Group Specific Substance B.

License No. 165—Blood Bank Foundation, Nashville, Tenn.

Blood and Blood Derivatives

Antihemophilic Plasma (Human).
Citrated Whole Blood (Human).
Normal Human Plasma.
Packed Red Blood Cells (Human).
Resuspended Red Blood Cells (Human).

Diagnostic Substances for Laboratory Tests

Anti-A Blood Grouping Serum.
Anti-B Blood Grouping Serum.
Anti-A, B Blood Grouping Serum.
Absorbed Anti-A Serum.
Anti-Rh Typing Serums:
  Anti-Rh_o (Anti-D).
  Anti-Rh_o' (Anti-CD).
  Anti-Rh_o'' (Anti-DE).
  Anti-Rh_o rh' rh'' (Anti-CDE).
  Anti-rh' (Anti-C).
  Anti-rh'' (Anti-E).
  Anti-hr' (Anti-c).
  Anti-hr'' (Anti-e).
Anti-K Serum (Anti-Kell).
Anti-Human Serum.

License No. 166—Belle Bonfils Memorial Blood Bank, Denver, Colo.

Blood and Blood Derivatives

Citrated Whole Blood (Human).
Packed Red Blood Cells (Human)
Resuspended Red Blood Cells (Human).

Diagnostic Substances for Laboratory Tests

Anti-A Blood Grouping Serum.
Anti-B Blood Grouping Serum.
Anti-Rh Typing Serums:
  Anti-Rh_o (Anti-D).
  Anti-Rh_o' (Anti-CD).
  Anti-rh'' (Anti-E).
  Anti-hr' (Anti-c).
  Anti-hr'' (Anti-e).
Anti-K Serum (Anti-Kell).

License No. 167—J. K. and Susie L. Wadley Research Institute and Blood Bank, Dallas, Tex.

Blood and Blood Derivatives

Citrated Whole Blood (Human).

Diagnostic Substances for Laboratory Tests

Anti-A Blood Grouping Serum.
Anti-B Blood Grouping Serum.
Anti-Rh Typing Serums:
  Anti-Rh_o (Anti-D).
  Anti-Rh_o' (Anti-CD).
  Anti-rh' (Anti-C).
  Anti-rh'' (Anti-E).
  Anti-hr' (Anti-c).
Anti-Human Serum.

License No. 168—Mount Sinai Medical Research Foundation, Chicago, Ill.

Blood and Blood Derivatives

Citrated Whole Blood (Human).

Diagnostic Substances for Laboratory Tests

Anti-A Blood Grouping Serum.
Anti-B Blood Grouping Serum.
Anti-Rh Typing Serums:
  Anti-Rh_o (Anti-D).
Anti-M Serum.
Anti-N Serum.
Anti-Human Serum.

License No. 169—Chicago Blood Donor Service, Inc., Chicago, Ill.

Blood and Blood Derivatives

Citrated Whole Blood (Human).
Packed Red Blood Cells (Human).
Single Donor Plasma (Human).

License No. 170—Jackson Medical Laboratory and Blood Bank, Jackson, Tenn.

Blood and Blood Derivatives

Citrated Whole Blood (Human).

License No. 171—Courtland Laboratories, Los Angeles, Calif.

Therapeutic Immune Serums

Chickenpox Immune Serum (Human).
Measles Immune Serum (Human).
Mumps Immune Serum (Human).
Pertussis Immune Serum (Human).
Scarlet Fever Immune Serum (Human).

Blood and Blood Derivatives

Citrated Whole Blood (Human).
Immune Serum Globulin (Human).
Normal Serum Albumin (Human).
Normal Human Plasma.
Poliomyelitis Immune Globulin (Human).

License No. 173—Interstate Blood Bank, Inc., Memphis, Tenn.

Blood and Blood Derivatives

Citrated Whole Blood (Human).

License No. 174—Lloyd Brothers, Pharmacists, Inc., Cincinnati, Ohio

Allergenic Extracts

Tincture Poison Ivy

License No. 175—Inter-County Blood Banks, Inc., Jamaica, N.Y.

Blood and Blood Derivatives

Citrated Whole Blood (Human).
Packed Red Blood Cells (Human).

License No. 176—Laboratorios Myn, Mexico D.F., Mexico

Miscellaneous

Antivenin, Scorpion.

License No. 178—California Transfusion Service, Los Angeles, Calif.

Blood and Blood Derivatives

Citrated Whole Blood (Human).

License No. 179—Dade Reagents, Inc., Miami, Fla.

Diagnostic Substances for Laboratory Tests

Anti-A Blood Grouping Serum.
Anti-B Blood Grouping Serum
Anti-A,B Blood Grouping Serum.
Absorbed Anti-A Serum.
Anti-Rh Typing Serums:
  Anti-Rh_o (Anti-D).
  Anti-Rh_o' (Anti-CD).
  Anti-Rh_o'' (Anti-DE).
  Anti-Rh_o rh' rh'' (Anti-CDE).
  Anti-rh' (Anti-C).
  Anti-rh'' (Anti-E).
  Anti-hr' (Anti-c).
  Anti-hr'' (Anti-e).
Anti-Fy^a Serum (Anti-Duffy).
Anti-k Serum (Anti-Cellano).
Anti-K Serum (Anti-Kell).
Anti-*M* Serum.
Anti-N Serum.
Anti-Human Serum.

Miscellaneous

Regent Blood Group Specific Substances A and B.

License No. 181—Jacksonville Blood Bank, Inc., Jacksonville, Fla.

Blood and Blood Derivatives

Citrated Whole Blood (Human).
Packed Red Blood Cells (Human).
Single Donor Plasma (Human).

Diagnostic Substances for Laboratory Tests

Anti-A Blood Grouping Serum.
Anti-B Blood Grouping Serum.
Anti-A,B Blood Grouping Serum.
Anti-Rh Typing Serums:
  Anti-Rh_o (Anti-D)
Anti-Human Serum.

License No. 182—Irwin Memorial Blood Bank of the San Francisco Medical Society, San Francisco, Calif.

Blood and Blood Derivatives

Citrated Whole Blood (Human).
Normal Human Plasma.
Packed Red Blood Cells (Human).
Resuspended Red Blood Cells (Human).

License No. 183—Southwest Blood Banks, Inc., Phoenix, Ariz.

This establishment license includes the following locations:
Southwest Blood Bank of Albuquerque, Albuquerque, N. Mex.
Southwest Blood Bank of Alexandria, Alexandria, La.
Southwest Blood Bank of Cheyenne, Cheyenne, Wyo.
Southwest Blood Bank of El Paso, El Paso, Tex.
Southwest Blood Bank of Fargo, Fargo, N. Dak.
Southwest Blood Bank of Harlingen, Harlingen, Tex.
Southwest Blood Bank of Houston, Houston, Tex.
Southwest Blood Bank of Little Rock, Little Rock, Ark.
Southwest Blood Bank of Lubbock, Lubbock, Tex.
Southwest Blood Bank of Meridian, Meridian, Miss.
Southwest Blood Bank of Minot, Minot, N. Dak.
Southwest Blood Bank of Phoenix, Phoenix, Ariz.
Southwest Blood Bank of Reno, Reno, Nev.
Southwest Blood Bank of San Antonio, San Antonio, Tex.

Blood and Blood Derivatives

Citrated Whole Blood (Human).
Single Donor Plasma (Human).

License No. 184—Travenol Laboratories, Inc., Morton Grove, Ill., Los Angeles, Calif., and Cleveland, Miss.

Therapeutic Immune Serums

Antimumps Serum (Human).
Antipertussis Serum (Human).

Bacterial Antigens

Pseudomonas Polysaccharide.

Blood and Blood Derivatives

Antihemophilic Plasma (Human).
Immune Serum Globulin (Human).
Normal Human Plasma.
Normal Serum Albumin (Human).
Poliomyelitis Immune Globulin (Human).

Diagnostic Substances for Laboratory Tests

Anti-A Blood Grouping Serum.
Anti-B Blood Grouping Serum.
Anti-A,B Blood Grouping Serum.
Absorbed Anti-A Serum.
Group AB Serum (Human).
Anti-Rh Typing Serums:
  Anti-Rh_o (Anti-D).
  Anti-Rh_o' (Anti-CD).
  Anti-Rh_o'' (Anti-DE).
  Anti-Rh_o rh' rh'' (Anti-CDE).
  Anti-rh' (Anti-C).
  Anti-rh'' (Anti-E).
  Anti-hr' (Anti-c).
Anti-M Serum.
Anti-N Serum.
Anti-Human Serum.
Anti-Human Precipitin Serum.

License No. 185—Minneapolis War Memorial Blood Bank, Minneapolis, Minn.

Blood and Blood Derivatives

Citrated Whole Blood (Human).
Normal Human Plasma.
Packed Red Blood Cells (Human).
Resuspended Red Blood Cells (Human).
Single Donor Plasma (Human).

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Diagnostic Substances for Laboratory Tests

Anti-A Blood Grouping Serum.
Anti-B Blood Grouping Serum.
Anti-Rh Typing Serums:
Anti Rh_o (Anti-D).
Anti-Rh_o' (Anti-CD).
Anti-rh' (Anti-C).
Anti-rh'' (Anti-E).
Anti-hr' (Anti-c).

License No. 187—Milwaukee Blood Center, Inc., Milwaukee, Wis.

Therapeutic Immune Serums

Measles Immune Serum (Human).
Mumps Immune Serum (Human).
Pertussis Immune Serum (Human).
Poliomyelitis Immune Serum (Human).
Scarlet Fever Immune Serum (Human).

Blood and Blood Derivatives

Citrated Whole Blood (Human).
Normal Human Plasma.
Normal Human Serum.
Single Donor Plasma (Human).

Diagnostic Substances for Laboratory Tests

Anti-A Blood Grouping Serum.
Anti-B Blood Grouping Serum.
Anti-Rh Typing Serums:
Anti-Rh_o (Anti-D).
Anti-Rh_o' (Anti-CD).
Anti-Rh_o rh' rh'' (Anti-CDE).
Anti-Human Serum.

License No. 188—Research Foundation and University of Illinois, Chicago, Ill.

Bacterial Vaccines

BCG Vaccine.

License No. 190—The American National Red Cross, Washington, D.C.

This establishment license includes the following locations:

American Red Cross Blood Center, San Juan, Puerto Rico.

Appalachian Regional Blood Center, Roanoke, Va.
Asheville Regional Blood Center, Asheville, N.C.
Atlanta Regional Blood Center, Atlanta, Ga.
Badger Regional Blood Center, Madison, Wis.
Baltimore Regional Blood Center, Baltimore, Md.
Beaver County Regional Blood Center, New Brighton, Pa.
Birmingham Regional Blood Center, Birmingham, Ala.
Black Hawk County Regional Blood Center, Waterloo, Iowa.
Boise Regional Blood Center, Boise, Idaho.
Buffalo Regional Blood Center, Buffalo, N.Y.
Central Texas Regional Blood Center, Waco, Tex.
Cleveland Regional Blood Center, Cleveland, Ohio.
Columbia River Regional Blood Center, Yakima, Wash.
Columbus Regional Blood Center, Columbus, Ohio.
Connecticut Regional Blood Center, Hartford, Conn.
Detroit Regional Blood Center, Detroit, Mich.
Douglas County Regional Blood Center, Lawrence, Kans.
Fort Wayne Regional Blood Center, Fort Wayne, Ind.
Four County Regional Blood Center, San Jose, Calif.
Greater Toledo Regional Blood Center, Toledo, Ohio.
Huntington Regional Blood Center, Huntington, W. Va.
Intermountain Regional Blood Center, Salt Lake City, Utah.
Johnstown Regional Blood Center, Johnstown, Pa.
Knox County Regional Blood Center, Galesburg, Ill.
Lansing Regional Blood Center, Lansing, Mich.

Los Angeles-Orange Counties Regional Blood Center, Los Angeles, Calif.
Louisville Regional Blood Center, Louisville, Ky.
Massachusetts Regional Blood Center, Boston, Mass.
Mobile Regional Center, Mobile, Ala.
Montana Regional Blood Center, Great Falls, Mont.
Muskegon County Regional Blood Center, Muskegon, Mich.
Nashville Regional Blood Center, Nashville, Tenn.
Nebraska-Iowa Regional Blood Center, Omaha, Nebr.
New York Regional Blood Center, New York, N.Y.
Northeastern Pennsylvania Regional Blood Center, Wilkes-Barre, Pa.
Pacific Northwest Regional Blood Center, Portland, Oreg.
Peoria Regional Blood Center, Peoria, Ill.
Philadelphia Regional Blood Center, Philadelphia, Pa.
Piedmont Carolinas Regional Blood Center, Charlotte, N.C.
Rochester Regional Blood Center, Rochester, N.Y.
South Atlantic Regional Blood Center, Savannah, Ga.
South Carolina Regional Blood Center, Columbia, S.C.
Southern Arizona Regional Blood Center, Tucson, Ariz.
Springfield Regional Blood Center, Springfield, Mo.
St. Louis Regional Blood Center, St. Louis, Mo.
St. Paul Regional Blood Center, St. Paul, Minn.
Syracuse Regional Blood Center, Syracuse, N.Y.
Tidewater Regional Blood Center, Norfolk, Va.
Tulsa County Regional Blood Center, Tulsa, Okla.
Vermont-New Hampshire Regional Blood Center, Burlington, Vt.
Volusia Flagler Regional Blood Center, Daytona Beach, Fla.

Washington, D.C. Regional Blood Center, Washington, D.C.
Wichita County Regional Blood Center, Wichita Falls, Tex.
Wichita Regional Blood Center, Wichita, Kans.

Blood and Blood Derivatives

Citrated Whole Blood (Human).
Normal Human Plasma.
Packed Red Blood Cells (Human).
Single Donor Plasma (Human).

License No. 191—Blood Bank of the Alameda-Contra Costa Medical Association, Oakland, Calif.

Blood and Blood Derivatives

Citrated Whole Blood (Human).
Packed Red Blood Cells (Human).
Resuspended Red Blood Cells (Human).
Single Donor Plasma (Human).

Diagnostic Substances for Laboratory Tests

Anti-A Blood Grouping Serum.
Anti-B Blood Grouping Serum.

License No. 192—King County Central Blood Bank, Inc., Seattle, Wash.

Blood and Blood Derivatives

Citrated Whole Blood (Human).
Normal Human Plasma.

License No. 193—Center Laboratories, Port Washington, N.Y.

Allergenic Extracts

Allergenic Extracts (including pollens and miscellaneous substances).

License No. 194—Sacramento Medical Foundation Blood Bank, Sacramento, Calif.

Blood and Blood Derivatives

Citrated Whole Blood (Human).
Packed Red Blood Cells (Human).
Single Donor Plasma (Human).

License No. 195—Peninsula Memorial Blood Bank, Burlingame, Calif.

Blood and Blood Derivatives

Citrated Whole Blood (Human).

License No. 197—Sonoma County Community Blood Bank, Santa Rosa, Calif.

Blood and Blood Derivatives

Citrated Whole Blood (Human).

License No. 198—Tri-Counties Blood Bank, Santa Barbara, Calif.

Blood and Blood Derivatives

Citrated Whole Blood (Human).

License No. 199—Blood Bank of Hawaii, Honolulu, Hawaii

Blood and Blood Derivatives

Citrated Whole Blood (Human).

License No. 201—San Diego Blood Bank, San Diego, Calif.

Blood and Blood Derivatives

Citrated Whole Blood (Human).

License No. 202—Tacoma-Pierce County Blood Bank, Tacoma, Wash.

Blood and Blood Derivatives

Citrated Whole Blood (Human).
Packed Red Blood Cells (Human).
Single Donor Plasma (Human).

License No. 203—Spokane & Inland Empire Blood Bank, Spokane, Wash.

Blood and Blood Derivatives

Citrated Whole Blood (Human).
Single Donor Plasma (Human).

License No. 204—Virginia Blood Bank, Inc., Richmond, Va.

Blood and Blood Derivatives

Citrated Whole Blood (Human).

Diagnostic Substances for Laboratory Tests

Anti-B Blood Grouping Serum.

License No. 209—Maxwell Blood Bank, The Children's Memorial Hospital, Chicago, Ill.

Blood and Blood Derivatives

Citrated Whole Blood (Human).

License No. 212—District of Columbia General Hospital, Washington, D.C.

Blood and Blood Derivatives

Citrated Whole Blood (Human).

License No. 213—Blood Bank of the Washington Hospital Center, Washington, D.C.

Blood and Blood Derivatives

Citrated Whole Blood (Human).

License No. 214—Doctors Hospital Blood Bank, Washington, D.C.

Blood and Blood Derivatives

Citrated Whole Blood (Human).

License No. 215—Blood Grouping Laboratory, Washington, D.C.

Blood and Blood Derivatives

Citrated Whole Blood (Human).
Normal Human Plasma.
Packed Red Blood Cells (Human).
Resuspended Red Blood Cells (Human).

License No. 218—Providence Hospital Blood Bank, Washington, D.C.

Blood and Blood Derivatives

Citrated Whole Blood (Human).

License No. 220—Broome County Blood Center, Binghamton, N.Y.

Blood and Blood Derivatives

Citrated Whole Blood (Human).

License No. 221—Essex County Blood Bank, Inc., Newark, N.J.

Blood and Blood Derivatives

Citrated Whole Blood (Human).

License No. 222—Aurora Blood Bank and Donors Society, Aurora, Ill.

Blood and Blood Derivatives

Citrated Whole Blood (Human).
Packed Red Blood Cells (Human).

License No. 224—Community Blood and Plasma Service, Inc., Birmingham, Ala., and New York, N.Y.

Blood and Blood Derivatives

Citrated Whole Blood (Human).

License No. 226—Blood Bank of San Bernardino and Riverside Counties, Inc., San Bernardino, Calif.

Blood and Blood Derivatives

Citrated Whole Blood (Human).

License No. 227—Central Florida Blood Bank, Incorporated, Orlando, Fla.

Blood and Blood Derivatives

Citrated Whole Blood (Human).

License No. 228—Southwest Florida Blood Bank, Inc., Tampa, Fla.

Blood and Blood Derivatives

Citrated Whole Blood (Human).

License No. 229—Bender Laboratory Blood Bank, Albany, N.Y.

Blood and Blood Derivatives

Citrated Whole Blood (Human).

License No. 231—Dubuque Blood Bank Association, Dubuque, Iowa

Blood and Blood Derivatives

Citrated Whole Blood (Human).
Normal Human Plasma.

License No. 232—Holy Cross Hospital Research Foundation, Salt Lake City, Utah

Diagnostic Substances for Laboratory Tests

Anti-A Blood Grouping Serum.
Anti-B Blood Grouping Serum.

Anti-Rh Typing Serums:
Anti-Rh_o (Anti-D).
Anti-Rh_o' (Anti-CD).
Anti-hr' (Anti-c).
Anti-Human Serum.

License No. 233—Ochsner Foundation Hospital Blood Bank, New Orleans, La.

Blood and Blood Derivatives

Citrated Whole Blood (Human).

License No. 234—Central Blood Bank of Pittsburgh, Pittsburgh, Pa.

Blood and Blood Derivatives

Citrated Whole Blood (Human).

License No. 235—University of Cincinnati Blood Transfusion Service, Cincinnati, Ohio

Blood and Blood Derivatives

Citrated Whole Blood (Human).
Packed Red Blood Cells (Human).
Resuspended Red Blood Cells (Human).

License No. 236—Medical Center-State Health Department Blood Bank, Grand Forks, N. Dak.

Blood and Blood Derivatives

Citrated Whole Blood (Human).

License No. 237—Shreveport Emergency Blood Bank, Inc., Shreveport, La.

Blood and Blood Derivatives

Citrated Whole Blood (Human).

License No. 238—Istituto Sieroterapico Vaccinogeno Toscano Sclavo, Siena, Italy

Antitoxins

Diphtheria Antitoxin.
Tetanus Antitoxin.

Therapeutic Immune Serums

Antirabies Serum.

Toxoids and Toxins for Immunization

Diphtheria Toxoid Aluminum Hydroxide Adsorbed.
Diphtheria Toxoid Aluminum Phosphate Adsorbed.

Staphylococcus Toxoid.
Tetanus Toxoid Aluminum Hydroxide Adsorbed.

License No. 239—Houchin Community Blood Bank, Bakersfield, Calif.

Blood and Blood Derivatives

Citrated Whole Blood (Human).

License No. 240—Memphis Blood Center, Inc., Memphis, Tenn.

Blood and Blood Derivatives

Citrated Whole Blood (Human).

License No. 241—Community Blood and Plasma Service, Inc. of Texas, Houston, Tex.

Blood and Blood Derivatives

Citrated Whole Blood (Human).

License No. 243—The Blood Plasma Corporation of Japan, Osaka, Japan

Blood and Blood Derivatives

Normal Human Plasma.

License No. 244—Travis County Medical Society Blood Bank, Austin, Tex.

Blood and Blood Derivatives

Citrated Whole Blood (Human).

License No. 245—Nihon Seiyaku Co., Ltd., Tokyo, Japan

Blood and Blood Derivatives

Normal Human Plasma.

License No. 246—Potter County Memorial Blood Center, Inc., Amarillo, Tex.

Blood and Blood Derivatives

Citrated Whole Blood (Human).

License No. 248—Central Blood Bank, Inc., South Bend, Ind.

Blood and Blood Derivatives

Citrated Whole Blood (Human).

License No. 249—Northern Illinois Blood Bank, Inc., Rockford, Ill.

Blood and Blood Derivatives

Citrated Whole Blood (Human).

License No. 250—St. Luke's Hospital Blood Bank, Aberdeen, S. Dak.

Blood and Blood Derivatives

Citrated Whole Blood (Human).

License No. 251—Jacob Blumberg Memorial Blood Bank, Inc., of the Lake County Medical Society, Waukegan, Ill.

Blood and Blood Derivatives

Citrated Whole Blood (Human).

License No. 252—Detroit Blood Service, Inc., Detroit, Mich.

Blood and Blood Derivatives

Citrated Whole Blood (Human).
Packed Red Blood Cells (Human).
Single Donor Plasma (Human).

License No. 254—Knoxville Blood Center, Inc., Knoxville, Tenn.

Blood and Blood Derivatives

Citrated Whole Blood (Human).

License No. 257—Chek-Lab. Inc., Chicago, Ill.

Diagnostic Substances for Laboratory Tests

Anti-A Blood Grouping Serum.
Anti-B Blood Grouping Serum.
Anti-Rh Typing Serums:
Anti-Rh_0' (Anti-CD).
Anti-Human Serum.

License No. 258—Osterreichisches Institut für Haemoderivate, Vienna, Austria

Blood and Blood Derivatives

Immune Serum Globulin (Human).
Plasma Protein Fraction (Human).
Poliomyelitis Immune Globulin (Human).

License No. 259—Holston Valley Community Hospital Blood Bank, Kingsport, Tenn.

Blood and Blood Derivatives

Citrated Whole Blood (Human).

License No. 260—St. Francis Hospital Blood Bank, Trenton, N.J.

Blood and Blood Derivatives

Citrated Whole Blood (Human).

License No. 261—Hospital Blood Service, Inc., Detroit, Mich.

Blood and Blood Derivatives

Citrated Whole Blood (Human).

License No. 263—The Community Blood Bank, Norton, Va.

Blood and Blood Derivatives

Citrated Whole Blood (Human).

License No. 264—Mid-West Blood Bank and Plasma Service, Kansas City, Mo.

Blood and Blood Derivatives

Citrated Whole Blood (Human).

License No. 265—W. E. Stewart Blood Bank, Inc., Tyler, Tex.

Blood and Blood Derivatives

Citrated Whole Blood (Human).

License No. 266—Blood Bank of The Bryn Mawr Hospital, Bryn Mawr, Pa.

Blood and Blood Derivatives

Citrated Whole Blood (Human).

License No. 267—Blood Bank of St. Luke's Hospital (Duluth), Duluth, Minn.

Blood and Blood Derivatives

Citrated Whole Blood (Human).

License No. 268—Community Blood Service, Inc., St. Louis, Mo.

Blood and Blood Derivatives

Citrated Whole Blood (Human).

License No. 269—Beverly Blood Center, Inc., Chicago, Ill.

Blood and Blood Derivatives

Citrated Whole Blood (Human).

License No. 270—Marietta Memorial Hospital, Marietta, Ohio

Blood and Blood Derivatives

Citrated Whole Blood (Human).

License No. 271—St. Luke's Memorial Hospital Blood Bank, Racine, Wis.

Blood and Blood Derivatives

Citrated Whole Blood (Human).

License No. 272—Southern Michigan Blood Center, Inc., Detroit, Mich.

Blood and Blood Derivatives

Citrated Whole Blood (Human).
Single Donor Plasma (Human).

License No. 273—Oklahoma City Community Blood Bank, Inc., Oklahoma City, Okla.

Blood and Blood Derivatives

Citrated Whole Blood (Human).

License No. 274—Bergen Community Blood Bank, Paramus, N.J.

Blood and Blood Derivatives

Citrated Whole Blood (Human).

License No. 276—Western Pennsylvania Blood Center, Inc., Pittsburgh, Pa.

Blood and Blood Derivatives

Citrated Whole Blood (Human).

License No. 277—Community Memorial General Hospital, La Grange, Ill.

Blood and Blood Derivatives

Citrated Whole Blood (Human).

License No. 278—Brooklyn Donor Center, Inc., Brooklyn, N.Y.

Blood and Blood Derivatives

Citrated Whole Blood (Human).

License No. 279—Menolasino Laboratories, Melrose Park, Ill.

Diagnostic Substances for Laboratory Tests

Anti-Human Serum.

License No. 280—Ward Laboratories. Durham, N.C.

Diagnostic Substances for Laboratory Tests

Anti-Fy^a Serum (Anti-Duffy).
Anti-K Serum (Anti-Kell).
Anti-Human Serum.

License No. 281—Nuclear Consultants Corporation, St. Louis, Mo.

Blood and Blood Derivatives

Radio-Iodinated (I^{131}) Serum Albumin (Human).

License No. 283—Hoffmann Laboratories, Inc., Paterson, N.J.

Bacterial Antigens

One polyvalent bacterial antigen with "No U.S. Standard of Potency".

License No. 284—Rhode Island Hospital Blood Bank, Providence, R.I.

Blood and Blood Derivatives

Citrated Whole Blood (Human).

License No. 285—Marathon County Blood Bank, Inc., Wausau, Wis.

Blood and Blood Derivatives

Citrated Whole Blood (Human).

License No. 286—Edgewater Hospital Blood Bank, Chicago, Ill.

Blood and Blood Derivatives

Citrated Whole Blood (Human).

License No. 288—Delta Blood Bank, Stockton, Calif.

Blood and Blood Derivatives

Citrated Whole Blood (Human).

License No. 289—Hospital University of Pennsylvania Blood Bank, Philadelphia, Pa.

Blood and Blood Derivatives

Citrated Whole Blood (Human).

Diagnostic Substances for Laboratory Tests

Anti-A Blood Grouping Serum.
Anti-B Blood Grouping Serum.
Anti-A, B Blood Grouping Serum.
Anti-Rh Typing Serums:
  Anti-Rh_o (Anti-D).
Anti-K Serum (Anti-Kell).
Anti-Human Serum.

License No. 290—Pineview General Hospital Blood Bank, Valdosta, Ga.

Blood and Blood Derivatives

Citrated Whole Blood (Human).

License No. 291—Sci Lab, Derby, Colo.

Diagnostic Substances for Dermal Tests

Blastomycin, Pin Test.
Coccidioidin, Pin Test.
Histoplasmin, Pin Test.
Tuberculin, Pin Test.

License No. 292—Graham Laboratories, Inc., Dallas, Tex.

Allergenic Extracts

Allergenic Extracts.

License No. 293—Passaic Blood Bank, Inc., Passaic, N.J.

Blood and Blood Derivatives

Citrated Whole Blood (Human).

License No. 295—Community Blood Bank and Serum Service, Hoboken, N.J.

Blood and Blood Derivatives

Citrated Whole Blood (Human).

Diagnostic Substances for Laboratory Tests

Anti-A Blood Grouping Serum.
Anti-B Blood Grouping Serum.
Anti-A,B Blood Grouping Serum.
Anti-Rh Typing Serums:
  Anti-Rh_o (Anti-D).
  Anti-Rh_o' (Anti-CD).
  Anti-Rh_o rh' rh'' (Anti-CDE).
  Anti-rh'' (Anti-E).
  Anti-hr' (Anti-c).
  Anti-hr'' (Anti-e).
Anti-Human Serum.

License No. 296—Midwest Blood Service, Inc., Detroit, Mich.

Blood and Blood Derivatives

Citrated Whole Blood (Human).

License No. 297—Chas. Pfizer & Co., Inc., New York, N.Y., Terre Haute, Ind.

Viral and Rickettsial Vaccines

Influenza Virus Vaccine.
Poliomyelitis Vaccine.

License No. 298—Lewiston-Clarkston Blood Bank, Lewiston, Idaho

Blood and Blood Derivatives

Citrated Whole Blood (Human).

License No. 299—Delmont Laboratories, Inc., Swarthmore, Pa.

Bacterial Antigens

One polyvalent bacterial antigen with "No U.S. Standard of Potency".

License No. 300—Massachusetts General Hospital Blood Bank, Boston, Mass.

Blood and Blood Derivatives

Citrated Whole Blood (Human).

License No. 301—Cleveland Biologicals, Inc., Cleveland, Ohio

Blood and Blood Derivatives

Citrated Whole Blood (Human).

License No. 302—Community Blood Bank of the Kansas City Area, Inc., Kansas City, Mo.

Blood and Blood Derivatives

Citrated Whole Blood (Human).
Packed Red Blood Cells (Human).
Single Donor Plasma (Human).

License No. 303—Delta Biochemicals, Inc., San Antonio, Tex.

Diagnostic Substances for Laboratory Tests

Anti-Human Serum.

License No. 304—Lane County Blood Bank, Eugene, Oreg.

Blood and Blood Derivatives

Citrated Whole Blood (Human).

License No. 305—Interstate Blood Bank, Inc. of Chicago, Illinois, Chicago, Ill.

Blood and Blood Derivatives

Citrated Whole Blood (Human).

License No. 306—Purex Laboratories, Inc., Staten Island, N.Y.

Allergenic Extracts

Allergenic Extracts.

License No. 307—Cappel Laboratories, Inc., West Chester, Pa.

Diagnostic Substances for Laboratory Tests

Anti-Human Serum.

License No. 308—Greer Drug & Chemical Corporation, Lenoir, N.C.

Allergenic Extracts

Allergenic Extracts.

License No. 309—Suburban Hospital Blood Bank, Bethesda, Md.

Blood and Blood Derivatives

Citrated Whole Blood (Human).

License No. 310—Arlington Hospital Blood Bank, Arlington, Va.

Blood and Blood Derivatives

Citrated Whole Blood (Human).

License No. 311—Clark-West Division, Syntex Laboratories, Inc., New York, N.Y.

Allergenic Extracts

Poison Ivy Extract Alum Precipitated.

License No. 312—World Blood Bank, Inc., Kansas City, Kans.

Blood and Blood Derivatives

Citrated Whole Blood (Human).

License No. 313—Southeastern General Hospital, Inc., Lumberton, N.C.

Blood and Blood Derivatives

Citrated Whole Blood (Human).

License No. 314—Blood Bank, N.C. Memorial Hospital, University of North Carolina, Chapel Hill, N.C.

Blood and Blood Derivatives

Citrated Whole Blood (Human).
Single Donor Plasma (Human).

License No. 315—Central California Blood Bank, Fresno, Calif.

Blood and Blood Derivatives

Citrated Whole Blood (Human).

License No. 316—Maine Medical Center Blood Bank, Portland, Maine

Blood and Blood Derivatives

Citrated Whole Blood (Human).

License No. 317—St. Vincent Hospital Blood Bank, Erie, Pa.

Blood and Blood Derivatives

Citrated Whole Blood (Human).

License No. 318—Chicago Wesley Memorial Hospital Blood Bank, Chicago, Ill.

Blood and Blood Derivatives

Citrated Whole Blood (Human).

License No. 319—Institute for Applied Immunology, Chicago, Ill.

Blood and Blood Derivatives

Citrated Whole Blood (Human).

License No. 320—Garden State Blood Bank, Newark, N.J.

Blood and Blood Derivatives

Citrated Whole Blood (Human).

License No. 321—National Blood Bank, Inc., New York, N.Y.

Blood and Blood Derivatives

Citrated Whole Blood (Human).

License No. 322—Reid Memorial Hospital Blood Bank, Richmond, Ind.

Blood and Blood Derivatives

Citrated Whole Blood (Human).

License No. 323—Volk Radiochemical Company, Chicago, Ill.

Blood and Blood Derivatives

Radio-Iodinated (I^{131}) Serum Albumin (Human).

License No. 324—Knickerbocker Laboratories, Inc., Philadelphia, Pa.

Blood and Blood Derivatives

Citrated Whole Blood (Human).

License No. 325—A/B Kabi, Stockholm, Sweden

Miscellaneous

Streptokinase.

License No. 326—James Walker Memorial Hospital Blood Bank, Wilmington, N.C.

Blood and Blood Derivatives

Citrated Whole Blood (Human).

License No. 327—The Elizabeth General Hospital and Dispensary, Elizabeth, N.J.

Blood and Blood Derivatives

Citrated Whole Blood (Human).

License No. 329—Paterson Blood Bank, Inc., Paterson, N.J.

Blood and Blood Derivatives

Citrated Whole Blood (Human).

License No. 330—Municipal Blood Bank, Inc., Kansas City, Kans.

Blood and Blood Derivatives

Citrated Whole Blood (Human).

License No. 331—J. Daniels Laboratories, Inc., Brooklyn, N.Y.

Allergenic Extracts

Allergenic Extracts.

License No. 332—Tri-Cities Blood Service, Inc., Johnson City, Tenn.

Blood and Blood Derivatives

Citrated Whole Blood (Human).

License No. 333—Central Blood Service, Inc., Baltimore, Md.

Blood and Blood Derivatives

Citrated Whole Blood (Human).

License No. 334—Berkeley Biologicals, Berkeley, Calif.

Allergenic Extracts

Allergenic Extracts.

License No. 335—Universal Blood Service, Jamaica, N.Y.

Blood and Blood Derivatives

Citrated Whole Blood (Human).

Part II. List of Biologic Products With License Numbers of Establishments Licensed for Each Product

Antitoxins

B. *histolyticus* Antitoxin—17.
B. *oedematiens* Antitoxin—1, 8, 17.
B. *sordellii* Antitoxin—17.
Botulism Antitoxin—17.
Diphtheria Antitoxin—1, 8, 11, 14, 17, 56, 64, 73, 99, 101, 144, 238.
Dysentery Antitoxin, Shiga—1.
Gas Gangrene Polyvalent Antitoxin—8, 17, 101, 144.
Perfringens Antitoxin—1, 8, 17, 56, 110.
Staphylococcus Antitoxin—73.
Tetanus Antitoxin—1, 2, 8, 11, 14, 17, 56, 64, 73, 99, 101, 110, 144, 238.
Tetanus and Gas Gangrene Polyvalent Antitoxin—1, 8, 17, 56, 101, 110, 144.
V. septique Antitoxin—1, 8, 17, 56, 110.

Therapeutic Immune Serums

Anti-Hemophilus Influenzae Type b Serum—99.
Antimumps Serum—140, 184.

Antipertussis Serum—140, 144, 184.
Antirabies Serum—17, 238.
Chicken Pox Immune Serum (Human)—171.
Measles Immune Serum (Human)—113, 171, 187.
Mumps Immune Serum (Human)—113, 171, 187.
Pertussis Immune Serum (Human)—139, 171, 187.
Poliomyelitis Immune Serum (Human)—113, 187.
Scarlet Fever Immune Serum (Human)—113, 171, 187.

Blood and Blood Derivatives

Antihemophilic Globulin (Human)—8, 99.
Antihemophilic Plasma (Human)—113, 140, 165, 184.
Citrated Whole Blood (Human)—84, 99, 113, 139, 140, 154, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 173, 175, 178, 181, 182, 183, 185, 187, 190, 191, 192, 194, 195, 197, 198, 199, 201, 202, 203, 204, 209, 212, 213, 214, 215, 218, 220, 221, 222, 224, 226, 227, 228, 229, 231, 233, 234, 235, 236, 237, 239, 240, 241, 244, 246, 248, 249, 250, 251, 252, 254, 259, 260, 261, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 276, 277, 278, 284, 285, 286, 288, 289, 290, 293, 295, 296, 298, 300, 301, 302, 304, 305, 309, 310, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 324, 326, 327, 329, 330, 332, 333, 335.
Fibrinogen (Human)—2, 8, 52, 99, 156.
Fibrinolysin (Human)—2, 156.
Fibrinolysin and Desoxyribonuclease Combined (Bovine)—1, 2.
Histamine Azoprotein—1.
Human Blood Cells—2.
Immune Serum Globulin (Human)—1, 2, 8, 17, 52, 64, 99, 110, 140, 149, 156, 171, 184, 258.
Mumps Immune Globulin (Human)—8, 140.
Normal Bovine Serum—2.
Normal Horse Serum—2, 14, 99, 144.

Normal Human Plasma—2, 8, 113, 140, 149, 162, 165, 171, 182, 184, 185, 187, 190, 192, 215, 231, 243, 245.
Normal Human Serum—113, 139, 187.
Normal Rabbit Serum—99.
Normal Serum Albumin (Human)—2, 8, 52, 64, 73, 99, 140, 149, 156, 171, 184.
Packed Red Blood Cells (Human)—113, 140, 161, 165, 166, 169, 175, 181, 182, 185, 190, 191, 194, 202, 215, 222, 235, 252, 302.
Pertussis Immune Globulin (Human)—8, 140.
Plasma Protein Fraction (Human)—8, 140, 258.
Poliomyelitis Immune Globulin (Human)—1, 2, 8, 17, 52, 64, 110, 139, 140, 149, 171, 184, 258.
Profibrinolysin (Human)—156.
Radio-Iodinated (I^{131}) Serum Albumin (Human)—43, 52, 281, 323.
Resuspended Red Blood Cells (Human)—113, 140, 165, 166, 182, 185, 191, 215, 235.
Single Donor Plasma (Human)—139, 161, 169, 181, 183, 185, 187, 190, 191, 194, 202, 203, 252, 272, 314.
Tetanus Immune Globulin (Human)—8.
Thrombin—1, 8, 51, 156.

Bacterial Vaccines

BCG Vaccine—188.
Cholera Vaccine—1, 2, 8, 11, 17, 56, 101, 144.
Pertussis Vaccine—1, 8, 17, 30, 56, 64, 99, 101, 110, 120, 121, 144.
Pertussis Vaccine Aluminum Hydroxide Adsorbed—8.
Pertussis Vaccine Aluminum Phosphate Adsorbed—1.
Plague Vaccine—8.
Typhoid Vaccine—8, 11, 14, 56, 64, 99, 101, 105, 110, 120, 121, 144.
Typhoid and Paratyphoid Vaccine—1, 2, 8, 14, 17, 56, 64, 99, 101, 110, 120, 144.
Polyvalent bacterial vaccines with "No U.S. Standard of Potency"—1, 2, 8, 17, 30, 56, 91, 101, 105, 110, 111, 119.

Sensitized Bacterial Vaccines

Cholera Vaccine—2.
Pertussis Vaccine—2.
Typhoid Vaccine—2.
Typhoid and Paratyphoid Vaccine—2.
Polyvalent sensitized bacterial vaccines with "No U.S. Standard of Potency"—2.

Bacterial Antigens

Bacterial Antigen with Antihistaminic—2.
Pseudomonas Polysaccharide—184.
Polyvalent bacterial antigens with "No U.S. Standard of Potency"—1, 2, 30, 56, 108, 135, 283, 299.

Modified Bacterial Antigens

Polyvalent modified bacterial antigens with "No U.S. Standard of Potency—1.

Toxoids and Toxins for Immunization

Diphtheria Toxoid—1, 8, 64, 73, 101, 110, 120, 121, 144.
Diphtheria Toxoid Aluminum Hydroxide Adsorbed—8, 238.
Diphtheria Toxoid Aluminum Hydroxide Precipitated—121.
Diphtheria Toxoid Aluminum Phosphate Adsorbed—1, 14, 99, 144, 238.
Scarlet Fever Streptococcus Toxin for Immunization—101.
Staphylococcus Toxoid—1, 2, 11, 17, 73, 101, 110, 238.
Streptococcus Erythrogenic Toxin—101.
Tetanus Toxoid—1, 2, 8, 14, 17, 56, 64, 73, 101, 110, 121, 144.
Tetanus Toxoid Aluminum Hydroxide Adsorbed—8, 238.
Tetanus Toxoid Aluminum Hydroxide Precipitated—121.
Tetanus Toxoid Aluminum Phosphate Adsorbed—1, 17, 99, 144.

Multiple Antigen Preparations

Adenovirus and Influenza Virus Vaccines Combined Aluminum Hydroxide Adsorbed—110.

Adenovirus and Influenza Virus Vaccines Combined Aluminum Phosphate Adsorbed—1.
Diphtheria and Tetanus Toxoids and Pertussis and Poliomyelitis Vaccines Aluminum Phosphate Adsorbed—1, 110.
Diphtheria and Tetanus Toxoids and Pertussis Vaccine Alum Precipitated and Poliomyelitis Vaccine—2.
Diphtheria and Tetanus Toxoids and Pertussis Vaccine Combined—1, 8, 56, 101.
Diphtheria and Tetanus Toxoids and Pertussis Vaccine Combined Alum Precipitated—2, 8, 56.
Diphtheria and Tetanus Toxoids Alum Precipitated and Pertussis Vaccine Combined—101, 110, 144.
Diphtheria and Tetanus Toxoids and Pertussis Vaccine Combined Aluminum Phosphate Adsorbed—1, 17, 99, 144.
Diphtheria and Tetanus Toxoids and Pertussis Vaccine Combined Aluminum Phosphate Precipitated—64.
Diphtheria and Tetanus Toxoids Aluminum Hydroxide Adsorbed and Pertussis Vaccine Combined—8.
Diphtheria and Tetanus Toxoids Aluminum Hydroxide Adsorbed Combined—8.
Diphtheria and Tetanus Toxoids and Poliomyelitis Vaccine—110.
Diphtheria and Tetanus Toxoids Combined Aluminum Hydroxide Precipitated—121.
Diphtheria and Tetanus Toxoids Combined—1, 8, 56.
Diphtheria and Tetanus Toxoids Combined Alum Precipitated—56, 101, 110, 144.
Diptheria and Tetanus Toxoids and Pertussis Vaccine Combined Aluminum Hydroxide Precipitated—121.
Diphtheria and Tetanus Toxoids Combined Aluminum Phosphate Adsorbed—1, 17, 99, 144.
Diphtheria and Tetanus Toxoids Combined Aluminum Phosphate Precipitated—64.

Diphtheria Toxoid Aluminum Hydroxide Adsorbed and Pertussis Vaccine Combined—8.
Diphtheria Toxoid and Pertussis Vaccine Combined—8.
Diphtheria Toxoid and Pertussis Vaccine Combined Alum Precipitated—121.
Diphtheria Toxoid Alum Precipitated and Pertussis Vaccine Combined—101, 110, 120, 144.
Diphtheria Toxoid and Pertussis Vaccine Combined Aluminum Phosphate Adsorbed—1.
Diphtheria Toxoid Aluminum Phosphate Adsorbed and Pertussis Vaccine Combined—144.
Staphylococcus Toxoid-B. Vaccine made from Staphylococcus (Aureus)—101.
Staphylococcus Toxoid and Bacterial Antigen made from Staphylococcus (Albus and Aureus)—1, 52.
Staphylococcus Toxoid-Streptococcus Toxin-B. Vaccine made from Staphylococcus (Aureus), Streptococcus (Hemolyticus), *D. pneumonia* and *H. influenzae*—101.
Tetanus Toxoid and Pertussis Vaccine Combined—8.
Tetanus and Diphtheria Toxoids Combined Alum Precipitated (For Adult Use)—2, 56, 101, 144.
Tetanus and Diphtheria Toxoids Combined Aluminum Hydroxide Adsorbed (For Adult Use)—8.
Tetanus and Diphtheria Toxoids Combined Aluminum Hydroxide Precipitated (For Adult Use)—121.
Tetanus and Diphtheria Toxoids Combined Aluminum Phosphate Adsorbed (For Adult Use)—144.

Viral and Rickettsial Vaccines

Adenovirus Vaccine—1, 110, 144.
Equine Encephalomyelitis Vaccine (Eastern)—8.
Equine Encephalomyelitis Vaccine (Western)—8.
Influenza Virus Vaccine—1, 2, 17, 56, 101, 110, 297.

Mumps Vaccine—17, 56.
Poliomyelitis Vaccine—1, 2, 8, 56, 110, 144, 297.
Poliomyelitis Vaccine Aluminum Phosphate Adsorbed—1.
Q Fever Vaccine—17.
Rabies Vaccine—1, 17, 56, 99, 101, 110, 120, 121.
Rocky Mountain Spotted Fever Vaccine—2, 17.
Smallpox Vaccine—1, 8, 14, 17, 56, 64, 99, 101, 144.
Typhus Vaccine—2, 56, 110.
Typhus Vaccine (Epidemic)—17, 101.
Yellow Fever Vaccine—101.

Diagnostic Substances for Dermal Tests

Blastomycin—1.
Blastomycin, Pin Test—291.
Coccidioidin—8.
Coccidioidin, Pin Test—291.
Diphtheria Toxin for Schick Test—1, 8, 56, 64, 99, 101, 120, 121, 144.
Histoplasmin—1, 56, 99.
Histoplasmin, Pin Test—291.
Lymphogranuloma Venereum Antigen—17, 52.
Mumps Skin Test Antigen—56.
Scarlet Fever Streptococcus Toxin for Dick Test—101, 144.
Schick Test Control—8, 64, 99, 101, 121, 144.
Tuberculin, Old—1, 8, 14, 56, 64, 110, 121, 144.
Tuberculin, Patch Test—17.
Tuberculin, Pin Test—291.
Tuberculin, Purified Protein Derivatives—1, 2, 73.

Diagnostic Substances for Laboratory Tests

Anti-A Blood Grouping Serum—8, 14, 17, 113, 139, 140, 155, 156, 157, 158, 159, 161, 163, 164, 165, 166, 167, 168, 179, 181, 184, 185, 187, 191, 232, 257, 289, 295.
Anti-B Blood Grouping Serum—8, 14, 17, 113, 139, 140, 155, 156, 157, 158, 159, 161, 163, 164, 165, 166, 167, 168, 179, 181, 184, 185, 187, 191, 204, 232, 257, 289, 295.

Anti-A,B Blood Grouping Serum—113, 139, 140, 156, 157, 158, 164, 165, 179, 181, 184, 289, 295.
Absorbed Anti-A Serum—113, 139, 140, 155, 156, 157, 158, 159, 163, 164, 165, 179, 184.
Group AB Serum (Human)—140, 184.
Anti-Rh Typing Serums:
Anti-Rh_o (Anti-D)—14, 17, 113, 139, 140, 155, 156, 157, 158, 159, 161, 163, 164, 165, 166, 167, 168, 179, 181, 184, 185, 187, 232, 289, 295.
Anti-Rh_o' (Anti-CD)—14, 17, 113, 139, 140, 155, 156, 157, 158, 159, 161, 163, 164, 165, 166, 167, 179, 184, 185, 187, 232, 257, 295.
Anti-Rh_o'' (Anti-DE)—113, 139, 140, 155, 156, 157, 158, 163, 164, 165, 179, 184.
Anti-Rh_o rh' rh'' (Anti-CDE)—113, 139, 140, 156, 157, 158, 161, 164, 165, 179, 184, 187, 295.
Anti-rh' (Anti-C)—113, 139, 140, 155, 156, 157, 158, 159, 161, 163, 164, 165, 167, 179, 184, 185.
Anti-rh'' (Anti-E)—113, 139, 140, 155, 156, 157, 158, 159, 161, 163, 164, 165, 166, 167, 179, 184, 185, 295.
Anti-hr' (Anti-c)—113, 139, 140, 155, 156, 157, 158, 159, 164, 165, 166, 167, 179, 184, 185, 232, 295.
Anti-hr'' (Anti-e)—139, 140, 155, 156, 157, 159, 164, 165, 166, 179, 295.
Anti-hr^v (Anti-V)—164.
Anti-rh^w (Anti-C^w)—140, 156, 157, 159, 164.
Anti-Rh_o+Rh_o (Anti-D+D^u)—159.
Anti-Di^a Serum (Anti-Diego)—164.
Anti-Fy^a Serum (Anti-Duffy)—155, 156, 157, 159, 164, 179, 280.
Anti-Jk^a Serum (Anti-Kidd)—164.
Anti-Jk^b Serum—164.
Anti-k Serum (Anti-Cellano)—155, 156, 157, 164, 179.
Anti-K Serum (Anti-Kell)—113, 139, 140, 155, 156, 157, 159, 164, 165, 166, 179, 280, 289.
Anti-Kp^a Serum (Anti-Penney)—159.
Anti-Kp^b Serum (Anti-Rautenberg)—164.

Anti-Kp^b and Anti-K Serums (Anti-Rautenberg and Anti-Kell)—159.
Anti-rh^w and Anti-K Serum (Anti-(C^w+ Kell))—155.
Anti-Le^a Serum (Anti-Lewis)—140, 159, 164.
Anti-Le^b Serum—159.
Anti-M Serum—113, 139, 140, 155, 156, 157, 159, 164, 168, 179, 184.
Anti-M^g Serum—159.
Anti-N Serum—113, 139, 140, 155, 156, 157, 168, 179, 184.
Anti-P Serum—157, 159, 164.
Anti-S Serum—156, 157, 164.
Anti-s Serum—164.
Anti-Wr^a Serum (Anti-Wright)—159.
Anti-Human Serum—14, 17, 113, 139, 140, 155, 156, 157, 158, 159, 161, 164, 165, 167, 168, 179, 181, 184, 187, 232, 257, 279, 280, 289, 295, 303, 307.
Anti-Human Precipitin Serum—140, 155, 157, 184.
Haemophilus influenzae Typing Serum—140.
Anti-Influenza Virus Serum for the Hemagglutination Inhibition Test—1.
Influenza Virus Hemagglutinating Antigen—1.
Pneumococcus Typing Serum—99.

Allergenic Extracts

Allergenic Extracts (including pollens and miscellaneous substances)—1, 8, 17, 30, 43, 56, 84, 91, 101, 103, 105, 107, 119, 144, 147, 152, 193, 292, 306, 308, 331, 334.
Poison Ivy Extract—1, 2, 8, 30, 91, 102, 119, 144.
Poison Ivy Extract Alum Precipitated—105, 311.
Poison Ivy-Poison Oak Extracts Combined—30, 110.
Poison Ivy-Oak-Sumac Extracts Combined—119, 144.
Poison Oak Extract—8, 30, 91, 102, 144.
Poison Sumac Extract—119.
Tincture Poison Ivy—102, 174.
Trichinella Extract—17.

Trivalent Organic Arsenicals

Oxophenarsine Hydrochloride—1.

Miscellaneous

Antivenin (*Latrodectus mactans*)—2.
Antivenin (Crotalidae) Polyvalent—144.
Antivenin, Scorpion—176.
Blood Group Specific Substance A—113, 164.
Blood Group Specific Substance B—113, 164.
Blood Group Specific Substances A and B—2, 113.
Reagent Blood Group Specific Substances A and B—179.
Streptokinase—325.
Streptokinase - Streptodornase — 17, 97, 129.
Cobra Venom Solution—125.
Cobra Venom with Silicic and Formic Acids—125.
Russell Viper Venom—129.

Part III. Licensed Establishments Arranged Alphabetically

A. Domestic Establishments

	United States license No.
Abbott Laboratories, North Chicago, Ill	43
Allergy Laboratories, Oklahoma City, Okla	103
American National Red Cross, Washington, D.C	190
Arlington Hospital Blood Bank, Arlington, Va	310
Armour Pharmaceutical Co., Division of Armour and Co. of Chicago, Ill., Kankakee, Ill	149
Aurora Blood Bank and Donors Society, Aurora, Ill	222
Barry Laboratories, Inc., Detroit, Mich	119
Belle Bonfils Memorial Blood Bank, Denver, Colo	166
Bender Laboratory Blood Bank, Albany, N.Y	229

A. DOMESTIC ESTABLISHMENTS—Continued

	United States license No.
Bergen Community Blood Bank, Paramus, N.J	274
Berkeley Biologicals, Berkeley, Calif	334
Beverly Blood Center, Inc., Chicago, Ill	269
Blood and Plasma Bank—New York University-Bellevue Medical Center, New York, N.Y	162
Blood Bank of The Bryn Mawr Hospital, Bryn Mawr, Pa	266
Blood Bank Foundation, Nashville, Tenn	165
Blood Bank of Hawaii, Honolulu, Hawaii	199
Blood Bank, N.C. Memorial Hospital, University of North Carolina, Chapel Hill, N.C	314
Blood Bank of the Alameda-Contra Costa Medical Association, Oakland, Calif	191
Blood Bank of St. Luke's Hospital (Duluth), Duluth, Minn	267
Blood Bank of San Bernardino and Riverside Counties, Inc., San Bernardino, Calif	226
Blood Bank of the Washington Hospital Center, Washington, D.C	213
Blood Grouping Laboratory, Washington, D.C	215
Blood Grouping Laboratory of Boston, Inc., Boston, Mass	159
Blood Transfusion Association, New York, N.Y	161
Broome County Blood Center, Binghamton, N.Y	220
Brooklyn Donor Center, Inc., Brooklyn, N.Y	278
Cappel Laboratories, Inc., West Chester, Pa	307
C. F. Kirk Company, New York, N.Y	105
California Transfusion Service, Los Angeles, Calif	178
Center Laboratories, Port Washington, N.Y	193

A. DOMESTIC ESTABLISHMENTS—Continued

	United States license No.
Central Blood Bank, Inc., South Bend, Ind	248
Central Blood Bank of Pittsburgh, Pittsburgh, Pa	234
Central Blood Service, Inc., Baltimore, Md	333
Central California Blood Bank, Fresno, Calif	315
Central Florida Blood Bank, Incorporated, Orlando, Fla	227
Certified Blood Donor Service, Inc., Jamaica, N.Y	157
Chas. Pfizer & Co., Inc., New York, N.Y., Terre Haute, Ind	297
Chek-Lab, Inc., Chicago, Ill	257
Chicago Blood Donor Service, Inc., Chicago, Ill	169
Chicago Wesley Memorial Hospital Blood Bank, Chicago, Ill	318
Clark-West Division, Syntex Laboratories, Inc., New York, N.Y	311
Cleveland Biologicals, Inc., Cleveland, Ohio	301
Community Blood Bank, Norton, Va	263
Community Blood Bank and Serum Service, Hoboken, N.J	295
Community Blood and Plasma Service, Inc., Birmingham, Ala., and New York, N.Y	224
Community Blood and Plasma Service, Inc., of Texas, Houston, Tex	241
Community Blood Bank of the Kansas City Area, Inc., Kansas City, Mo	302
Community Blood Service, Inc., St. Louis, Mo	268
Community Memorial General Hospital, La Grange, Ill	277
Courtland Laboratories, Los Angeles, Calif	171
Cutter Laboratories, Berkeley, Calif	8
Dade Reagents, Inc., Miami, Fla	179

A. DOMESTIC ESTABLISHMENTS—Continued

	United States license No.
Delmont Laboratories, Inc, Swarthmore, Pa	299
Delta Biochemicals, Inc., San Antonio, Tex	303
Delta Blood Bank, Stockton, Calif.	288
Detroit Blood Service, Inc., Detroit, Mich	252
District of Columbia General Hospital, Washington, D.C	212
Doctors Hospital Blood Bank, Washington, D.C	214
Dubuque Blood Bank Association, Dubuque, Iowa	231
Edgewater Hospital Blood Bank, Chicago, Ill	286
Eli Lilly and Company, Indianapolis, Ind	56
Elizabeth General Hospital and Dispensary, Elizabeth, N.J	327
Endo Laboratories, Inc., Richmond Hill, N.Y	147
E. R. Squibb and Sons, Division of Olin Mathieson Chemical Corporation, Biological Laboratories, New Brunswick, N.J	52
Essex County Blood Bank, Inc., Newark, N.J	221
Garden State Blood Bank, Newark, N.J	320
Gotham Pharmaceutical Company, Brooklyn, N.Y	152
Graham Laboratories, Inc., Dallas, Tex	292
Greer Drug & Chemical Corporation, Lenoir, N.C	308
High Titer Serum Laboratory, New York, N.Y	163
Hoffmann Laboratories, Inc., Paterson, N.J	283
Hollister-Stier Laboratories, Chicago, Ill.; Philadelphia, Pa.; Spokane, Wash.; Los Angeles, Calif.; Atlanta, Ga	91
Holston Valley Community Hospital Blood Bank, Kingsport, Tenn	259

A. DOMESTIC ESTABLISHMENTS—Continued

	United States license No.
Holy Cross Hospital Research Foundation, Salt Lake City, Utah	232
Hospital Blood Service, Inc., Detroit, Mich	261
Hospital University of Pennsylvania Blood Bank, Philadelphia, Pa	289
Houchin Community Blood Bank, Bakersfield, Calif	239
Hyland Laboratories, Los Angeles, Calif	140
Hynson, Westcott and Dunning, Baltimore, Md	125
Illinois Department of Public Health, Bureau of Biologic Products, Division of Laboratories, Chicago, Ill	120
Institute for Applied Immunology, Chicago, Ill	319
Inter-County Blood Banks, Inc., Jamaica, N.Y	175
Interstate Blood Bank, Inc., Memphis, Tenn	173
Interstate Blood Bank, Inc. of Chicago, Illinois, Chicago, Ill	305
Irwin Memorial Blood Bank of the San Francisco Medical Society, San Francisco, Calif	182
J. Daniels Laboratories, Inc., Brooklyn, N.Y	331
J. K. and Susie L. Wadley Research Institute and Blood Bank, Dallas, Tex	167
Jackson Medical Laboratory and Blood Bank, Jackson, Tenn	170
Jacksonville Blood Bank, Inc., Jacksonville, Fla	181
Jacob Blumberg Memorial Blood Bank, Inc., of the Lake County Medical Society, Waukegan, Ill	251
James Walker Memorial Hospital Blood Bank, Wilmington, N.C	326
John Elliott Blood Bank of Dade County, Inc., Miami, Fla	154
King County Central Blood Bank, Seattle, Wash	192

A. DOMESTIC ESTABLISHMENTS—Continued

	United States license No.
Knickerbocker Blood Bank, Inc., New York, N.Y.	164
Knickerbocker Laboratories, Inc., Philadelphia, Pa.	324
Knoxville Blood Center, Inc., Knoxville, Tenn.	254
Lane County Blood Bank, Eugene, Oreg.	304
Lederle Laboratories Division, American Cyanamid Co., Pearl River, N.Y.	17
Lewiston-Clarkston Blood Bank, Lewiston, Idaho	298
Lloyd Brothers, Pharmacists, Inc., Cincinnati, Ohio	174
Maine Medical Center Blood Bank, Portland, Me.	316
Marathon County Blood Bank, Inc., Wausau, Wis.	285
Marietta Memorial Hospital, Marietta, Ohio	270
Massachusetts General Hospital Blood Bank, Boston, Mass.	300
Massachusetts Public Health Biologic Laboratories, Boston, Mass.	64
Maxwell Blood Bank, The Children's Memorial Hospital, Chicago, Ill.	209
Medical Center, State Health Department Blood Bank, Grand Forks, N. Dak.	236
Memphis Blood Center, Inc., Memphis, Tenn.	240
Menolasino Laboratories, Melrose Park, Ill.	279
Merck Sharp & Dohme, Division of Merck & Co., Inc., West Point, Pa	2
Michael Reese Research Foundation, Chicago, Ill.	113
Michigan Department of Health, Division of Laboratories, Lansing, Mich.	99
Mid-West Blood Bank and Plasma Center, Kansas City, Mo.	264

A. DOMESTIC ESTABLISHMENTS—Continued

	United States license No.
Midwest Blood Service, Inc., Detroit, Mich	296
Milwaukee Blood Center, Inc., Milwaukee, Wis	187
Minneapolis War Memorial Blood Bank, Minneapolis, Minn	185
Mount Sinai Medical Research Foundation, Chicago, Ill	168
Mulford Colloid Laboratories. Philadelphia, Pa	102
Municipal Blood Bank, Inc., Kansas City, Kans	330
Myers Laboratories, Inc., Warren, Pa	135
National Blood Bank, Inc., New York, N.Y	321
National Drug Company, Division of Richardson-Merrell Inc., Philadelphia, Pa	101
New York City Department of Health, Bureau of Laboratories, New York, N.Y	14
Northern Illinois Blood Bank, Inc., Rockford, Ill	249
Nuclear Consultants Corporation, St. Louis, Mo	281
Ochsner Foundation Hospital Blood Bank, New Orleans, La	233
Oklahoma City Community Blood Bank, Inc., Oklahoma City, Okla	273
Ortho Pharmaceutical Corporation, Raritan, N.J	156
Parke, Davis & Company, Detroit, Mich	1
Passaic Blood Bank, Inc., Passaic, N.J	293
Paterson Blood Bank, Inc., Paterson, N.J	329
Peninsula Memorial Blood Bank, Burlingame, Calif	195
Philadelphia Serum Exchange, Philadelphia, Pa	139
Pineview General Hospital Blood Bank, Valdosta, Ga	290
Pitman-Moore Company, Division of The Dow Chemical Company, Indianapolis, Ind	110

A. DOMESTIC ESTABLISHMENTS—Continued

	United States license No.
Porro Biological Laboratories, Tacoma, Wash	107
Potter County Memorial Blood Center, Inc., Amarillo, Tex	246
Providence Hospital Blood Bank, Washington, D.C	218
Purex Laboratories, Inc., Staten Island, N.Y	306
Reid Memorial Hospital Blood Bank, Richmond, Ind	322
Research Foundation and University of Illinois, Chicago, Ill	188
Rhode Island Hospital Blood Bank, Providence, R.I	284
Sacramento Medical Foundation Blood Bank, Sacramento, Calif	194
San Diego Blood Bank, San Diego, Calif	201
Sci Lab, Derby, Colo	291
Sherman Laboratories, Detroit, Mich	30
Shreveport Emergency Blood Bank, Inc., Shreveport, La	237
Sonoma County Community Blood Bank, Santa Rosa, Calif	197
Southeastern General Hospital, Inc., Lumberton, N.C	313
Southern Michigan Blood Center, Inc., Detroit, Mich	272
Southwest Blood Banks, Inc., Phoenix, Ariz	183
Southwest Florida Blood Bank, Inc., Tampa, Fla	228
Spokane & Inland Empire Blood Bank, Spokane, Wash	203
St. Francis Hospital Blood Bank, Trenton, N.J	260
St. Luke's Hospital Blood Bank, Aberdeen, S. Dak	250
St. Luke's Memorial Hospital Blood Bank, Racine, Wis	271
St. Vincent Hospital Blood Bank, Erie, Pa	317
Suburban Hospital Blood Bank, Bethesda, Md	309
Tacoma-Pierce County Blood Bank, Tacoma, Wash	202

A. DOMESTIC ESTABLISHMENTS—Continued

	United States license No.
Terrell's Laboratories, Fort Worth, Tex	84
Texas State Department of Health, Austin, Tex	121
Travenol Laboratories, Inc., Morton Grove, Ill	184
Travis County Medical Society Blood Bank, Austin, Tex	244
Tri-Cities Blood Service, Inc., Johnson City, Tenn	332
Tri-Counties Blood Bank, Santa Barbara, Calif	198
Universal Blood Service, Inc., Jamaica, N.Y	335
University of Cincinnati Blood Transfusion Service, Cincinnati, Ohio	235
Upjohn Company, Kalamazoo, Mich	51
Virginia Blood Bank, Inc., Richmond, Va	204
Volk Radiochemical Company, Chicago, Ill	323
Ward Laboratories, Durham, N.C.	280
Washington Blood Laboratory, Washington, D.C	158
W. E. Stewart Blood Bank, Inc., Tyler, Tex	265
Western Pennsylvania Blood Center, Inc., Pittsburgh, Pa	276
Wiener Serum Laboratory, Brooklyn, N.Y	155
Wm. S. Merrell Company, Division of Richardson-Merrell, Inc., Cincinnati, U.S.A., Cincinnati, Ohio	111
World Blood Bank, Inc., Kansas City, Kans	312
Wyeth Laboratories, Inc., Marietta, Pa	144

B. FOREIGN ESTABLISHMENTS

	United States license No.
A/B Kabi, Stockholm, Sweden	325
Behringwerke AG., Marburg-Lahn, Germany	97

B. FOREIGN ESTABLISHMENTS—Continued

	United States license No.
The Blood Plasma Corp. of Japan, Osaka, Japan	243
Connaught Medical Research Laboratories, University of Toronto, Toronto, Canada	73
Institut Pasteur, Paris, France	11
Istituto Sieroterapico Vaccinogeno Toscano Sclavo, Siena, Italy	238
Laboratoire du Bacteriophage, Paris, France	108
Laboratorios Myn, Mexico D.F., Mexico	176
Nihon Seiyaku Co., Ltd., Tokyo, Japan	245
Osterreichisches Institut fur Haemoderivate, Vienna, Austria	258
Wellcome Research Laboratories, Beckenham, Kent, England	129

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